

Feed grains exemption:

Grain Assn. rallies for trucking rules ease-up

The National Grain and Feed Assn. has urged the Interstate Commerce Commission to exempt livestock and poultry feed ingredients from trucking regulation.

The 1250-member trade association stated its position in its official comments responding to an ICC proceeding in which the commission is considering whether to exempt feed ingredients from regulation under authority granted by the Motor Carrier Act of 1980.

The ICC currently is evaluating whether to issue a declaratory order expanding the definition of livestock and poultry feed exempt from trucking regulation to include feed ingredients. Thus far, the ICC has considered feed ingredients to be regulated commodities subject to certain trucking restrictions.

However, in announcing its review of the matter, the ICC indicated its intention to expand the exemption to include feed ingredients, a

move commended by the NGFA. "The exemption of livestock and poultry feed ingredients is of vital concern to our members," the association said. The NGFA's position was based upon its transportation policy, which supports regulatory exemption from the Interstate Commerce Act for truck shipments of animal and poultry feed, as well as for feed ingredients consisting of products of the milling, processing or manufacture of grains or oilseeds.

"We consider it logical to conclude that since the end product (livestock and poultry feed) is exempt from trucking regulation, all of its ingredients should be exempt," the NGFA states. The NGFA cited the legislative history of the Motor Carrier Act of 1980, during which the bill's floor manager, Rep. James J. Howard, D-N.J., stated that the term "livestock and poultry feed" contained in the act includes both the prepared feed and the oilseed meal and grain product feed.

Study tries track-down of anaplasmosis cause

Veterinary medical researchers completed tests on 290 cows and calves recently in an effort to track down the major way anaplasmosis infects cattle in the Intermountain West.

Dr. John Maas, an assistant professor on the University of Idaho faculty of the Washington, Oregon and Idaho regional veterinary program (WOI), said the tests on two herds of cattle south of Twin Falls, Idaho, culminated the first year of a project on the rickettsial disease.

"The push of our research is primarily finding out how the disease is transmitted," said Maas, who is stationed at the University of Idaho's Veterinary Teaching Center at Caldwell. "It is very difficult to control or eradicate the disease if we don't know how it's transmitted."

The primary transmitter or vector of the disease is not well-defined. The vectors are transmitting a rickettsial parasite — anaplasma marginale — that multiplies in red blood cells and is the cause of an accompanying anemia.

The potential transmission routes include unsanitary surgical or vaccination methods or biological methods such as biting flies and

ticks, said Maas. In California, the dense population of wildlife carriers and infected cattle is the source of the disease and ticks and flies the primary vectors, said Maas. In the Midwest, horse flies seem to be the primary vectors.

The variety of ecosystems in the Intermountain West

may make it difficult to make a definite statement on the disease's transmission, but it is apparently different from that in other areas of the country, said Maas.

The age of an animal which becomes infected affects whether it can survive that disease, said Maas. Very few cattle die of

the disease while they are less than one year old, while 50% of the unvaccinated cattle over age two die if it is untreated.

The disease has a relatively long incubation period — as much as two months from the time an animal is infected until it shows symptoms, said Maas.

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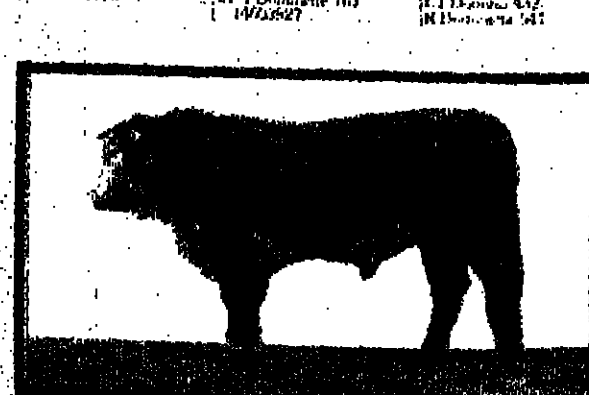
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Comments

Here in the Big Apple, or New York City, they've been celebrating St. Patrick's Day all day long, as they have for 209 consecutive years with colorful parades of people wearing the Green. This is the big event before the first days of spring, and with last year's dreadful price increases, particularly for fuel oil, the New Yorkers are ready for warmer days.

The extreme drought conditions you've been reading about Northeast were relieved to some extent by generous amounts of moisture early in March. But there still is only a 50-day water supply in the reservoirs, we were told, to meet the needs of industry and more than 20 million people.

Every kind of water conservation has been tried, and we understand that even flaky Greenwich Village here was able to cut its consumption of water last fall and winter by up to 60%. You figure out how they did it.

The purpose of this trip was to meet as many of our commercial advertisers in the central and eastern states as possible. We have run across lots of ideas that we'll share with you in future columns, especially those ideas dealing with the merchandising of our products to this area.

Many of you attended the National Cattlemen's Assn. convention and took in the huge trade show there, and you were probably able to meet many of your commercial suppliers. While it might not seem possible, they are affected as much by the current depressed cattle situation as you or anybody else.

While visiting their offices, we told them that many knowledgeable people in our industry believe numbers of cattle are not the problem; the trouble is weight. More cattle were fed in the Midwest last year to excessive weights by farmers holding back for higher prices.

For instance, daily cattle slaughter figures have been running about six, seven or eight percent above a year ago, when they were rather low. It seems that in the past, we only got in trouble when we had a daily slaughter of 124,000 or more. Moreover, there appears to be little or no buildup in numbers, because we have been quoting cow/calf pairs as low as \$550. We won't see a buildup until these pair prices go above \$750 or \$800.

DICK CROW

WESTERN LIVESTOCK JOURNAL

News • Trends • Sales • Shows • Markets

March 23, 1981 Central Edition Vol. 60, No. 21

USDA's inventory marks low point

Signs of overproduction and slow marketing were evident in USDA's most recent cattle on feed report. Both marketings and placements for February were the smallest since 1976, according to the inventory. Marketings of fed cattle during February totaled 1.44 million, off nine percent from last year and 13% less than February, 1979. Placements of cattle and calves on feed in the seven states during February were 1.19 million, down three percent from last year and off nine percent from two years ago.

Cattle and calves on feed March 1 for slaughter market totaled 7.13 million head, down four percent from a year ago and 13% less than March, 1979. These figures mark the lowest total since 1976.

While analysts point out that the USDA report was only a monthly seven state, it showed cattle feeders remain overly optimistic, despite losing money on the (Continued on page 23)



Pork Congress address:

'Revise Delaney,' says Wampler

There is a growing realization that not all cancer-causing substances can be reduced or eliminated and it is time to strengthen this understanding through scientific data, said Rep. William Wampler (R-Va.) according to Commodity News Service (CNS).

For further coverage of the American Pork Congress see page 7.

Speaking at a seminar being held at the American Pork Congress, Wampler reiterated his position on the need to modify the Delaney Amendment and create a national science council to review scientific data relating to the food additive issue.

The nitrite issue sheds

light on "the bending of science to meet some notion the regulator had," Wampler said. The Food and Drug Administration had used preliminary findings to support the nitrite ban, he said. There is a need for overall legislation to provide a uniform national cancer assessment authority, he said.

Wampler said efforts must be made to determine the sources of data and consistent rules for individual food components must be used. Qualified scientists and the public must be included in decision-making regarding food additives, he said.

It is not possible to have a "risk-free society," Wampler said. Risks must be assessed in relation to other risks, and any change in current food safety laws

should build and revise substantive standards to include scientific advances, he said.

Science, not politics, should be used to form policy, Wampler said. Jim Turner, a Washington D.C. attorney, said the debate over the Delaney Clause will divert attention to a relatively narrow area of food safety, and there are a number of areas that need risk benefit examination.

"The Delaney Clause has been made into a visible symbol" that is obscuring the whole set of issues facing food safety legislation, Turner said.

The repeal of the Delaney Clause would not eliminate food safety problems and make the public more secure, Turner said.

The debate has created a tendency to think the clause

applies to more than it does since natural cancer-causing substances are not included in the clause, Turner said.

These other areas need to be carefully examined to protect producers and consumers, Turner said. The USDA is currently conducting programs weighing positive versus negative aspects of these areas, he said.

The Delaney issue should not be a regulatory agency job, Turner said. The Delaney Clause should be dealt with by Congress who will not be diverted by the "relatively small and insignificant" Delaney Clause controversy, he said.

Scientific approaches are present in the overwhelming scheme of issues and "regulatory agencies do not need more procedures."

Swan's letters were written because of the urgent (Continued on page 23)

U.S. livestock producers should face a generally more favorable cost-price picture this year than they did in 1980, according to a USDA report. The report, entitled "Costs of Producing Live-

stock in the U.S.—Final 1979, Preliminary 1980 and Projections for 1981" was compiled by USDA's Economics and Statistics Service for the Senate Agriculture Committee. The cost-price projections apply to ranchers for whom livestock sales comprise the majority of total business, according to Commodity News Service (CNS).

However, despite a generally healthy outlook for 1981, market prices and higher production costs may prevent hog producers and cattle feeders from covering their cash costs until mid-1981, the report said. It said these two segments of the U.S. livestock industry recorded cash losses in 1980.

Although the average farrow-to-finish slaughter hog producer will face cash losses in 1981, these losses will be somewhat less than (Continued on page 23)

Swine fever still posing a threat to U.S. hog industry

Although African Swine Fever is limited primarily to Haiti, it still poses a threat to U.S. hogs, Frank Mulhern, director of animal science for the Inter-American Institute of Cooperative Agriculture, said, according to Commodity News Service (CNS).

Although the USDA's Animal and Plant Health Inspection Service has increased its efforts to keep African Swine Fever from entering the U.S. by additional funds and more thorough checking of refugees for illegal meat, that defense is not enough, Mulhern said in a press conference at the American Pork Congress.

Because of the African Swine Fever threat to the U.S., an active program of eradicating the disease in the host country is imperative in addition to defensive programs within the U.S., he said.

In an attempt to help eradicate the disease in Haiti, the U.S. recently declared an animal health emergency, which freed funds for the eradication and made way for the U.S. to enter an agreement with Mexico and Canada.



MANAGER — William A. Altenburg, has been promoted to the position of regional sales manager for American Breeders Service. In his new position, Altenburg will be responsible for marketing activities throughout most of the Great Plains and south-west areas of the U.S. He will be located at the company's facilities at Wellington, Colo.

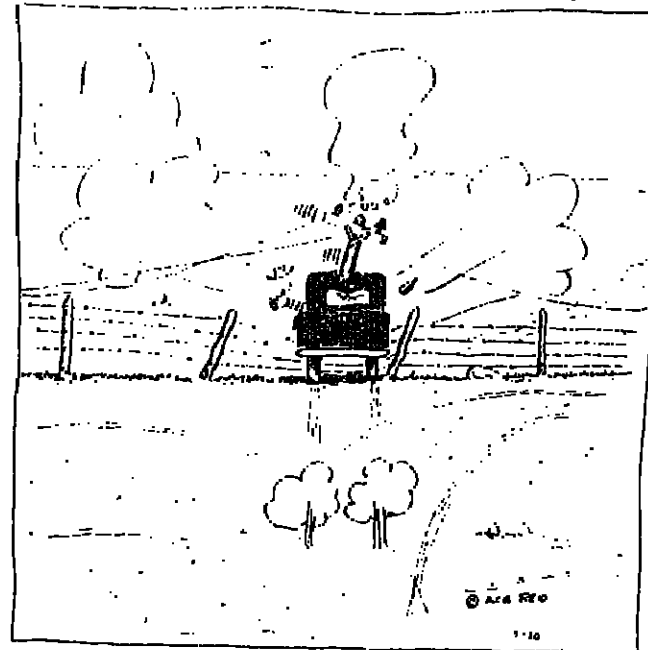
Pork section hits newspaper pages

Newspapers in 76 cities carried the National Pork Producers Showcase supplement to a combined circulation of 13,494,410 readers.

In major cities, including at least one city in each NRPC member state, an exclusive pork newspaper supplement was created last fall.

NEWSPAPER (priority handling)

NEWSPAPER (priority handling)



"Jake, I believe this is where we turn to the right!"

Soil protection prior to farm program benefits

There should be a system of "cross compliance" that would require a farmer to have a soil conservation plan before he was eligible for benefits from any farm program, Tom Barlow of the Natural Resources Defense Council said, according to CNS.

In testimony before the House of Representatives agriculture subcommittee on conservation, credit and rural development, Barlow said that only under such a system would all farmers start conservation practices. Current cost pressures punish those farmers who are practicing conservation, he said.

U.S. Agriculture Secretary John Block has said in the past that he does not support such cross compliance policies for farm programs.

Barlow said cost-sharing programs or tax incentives, two policies that have received widespread discussion as ways for the federal government to help fight erosion, were not enough to cope with the problem.

Reagan opposes EEC trade limit

The Reagan administration is vigorously opposing any European Economic Community attempts to impose trade barriers against soybean and corn gluten feed imports, according to Michael Calingaert, deputy assistant secretary of state for international resources and food policy.

"Like soybeans, imports of corn gluten feed enter the EEC duty-free under the terms of a GATT Agreement," Calingaert said, according to CNS.

However, pressure from EEC grain producers to limit non-grain feed ingredient imports is increasing as the EEC grain surplus continues to grow.

"The EEC is also concerned that U.S. gasoline production programs will generate rapidly increasing quantities of corn gluten, for which the EEC is currently the only market," he told the U.S. Feed Grains Council meeting.

Unicom News earlier reported EEC experts were discussing plans to overhaul the EEC starch industry and make it more competitive against increasing imports of starch products. UCN said talks were still in the preliminary stage, and a formal proposal should be ready to go to the EEC Council of Ministers by April.

UCN also reported the EEC starch industry is worried by the large increase in duty-free corn gluten feed. Imports have grown from about 600,000 tons in 1977 to almost two million tons in 1980.

Calingaert also said there were a number of other trade issues under discussion with the EEC, relating to the U.S. maintaining access to foreign markets in the face of import restrictions and subsidies. These issues include wheat flour, citrus, cheese, poultry, meat, almonds and wine.

A bottle of drinking water kept cold in the refrigerator saves running the tap to get cold water.

Jack Boyle of the Environmental Policy Center said that to devise meaningful programs to protect soil, structural factors of agriculture that were causing erosion needed to be considered. He said the best policy to protect soil was one that assured a large number of small owner-operators, who had a stake in the viability of the future of their operations.

Doyle said if exports were shown to be a "disproportionate culprit" in soil because land had to be more intensively farmed to meet foreign demand, a tax should be levied on importers of U.S. agricultural goods to fund conservation measures.

Neil Sampson of the National Association of Conservation Districts said he supported bills introduced by Rep. Ed Jones, (D-Tenn.) chairman of the subcommittee, that would increase federal funding of efforts and establish an endowment fund on non-federal money to be used for conservation.

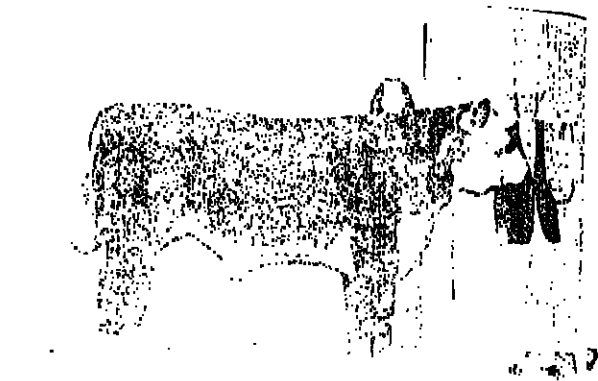
He added, though, that

time-tested practices to fight erosion such as rotating crops and not farming so intensively had to be reinstituted. He said to be realized high demand and high production costs forced producers to farm their land as fully as possible, and suggested some government program be devised that would relieve farmers of economic pressure.

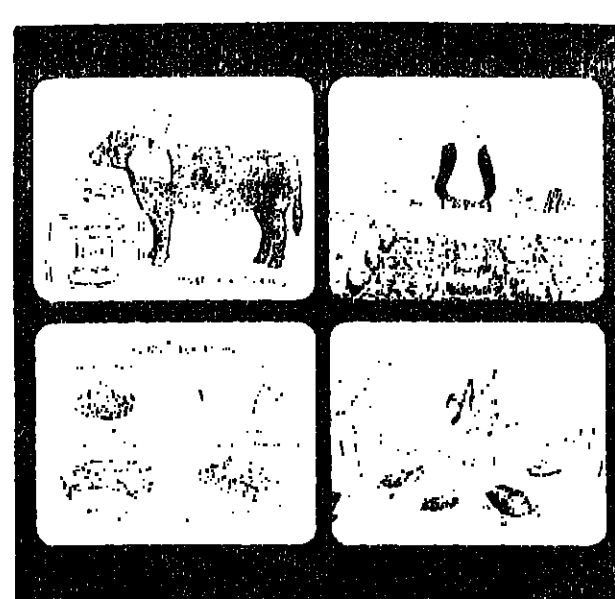
Jim Miller of the National Grange advocated volun-

tary cost-sharing between the government and farmers to pay for conservation since profit margins were too thin to allow farmers to do the entire bill for soil practices.

Miller advocated federal technical assistance to state and local governments which had programs that tried to keep farms from being developed for non-agricultural uses, a position supported by Block.



WINNING HEREFORD—The grand champion Hereford steer at the Houston Livestock Show and Rodeo was exhibited by Reagan Tom, Stanton, Texas. The 1282 lb. heavy weight steer was a Line One home-bred entry.



WISE BUY—Above are scenes from "Family Hero," an educational filmstrip from the Beef Industry Council of the Meat Board, designed to familiarize students with the basic cuts of beef and relate the source of each cut to its recommended cooking method. The filmstrip is part of an educational package, "Beef Buying Basics," which is being distributed to high schools across the country.

"Family Hero" included in Meat Board educational kit

Familiarizing students with basic beef cuts so they can shop more wisely in the future is the primary objective behind the newest educational kit released to schools by the Beef Industry Council of the National Live Stock and Meat Board.

The kit contains pertinent data about beef selection, preferred cooking methods, how to use labels to identify beef cuts, economization, beef storage, wholesomeness and product quality.

Included in the "Beef Buying Basics" educational package is a 16-minute color filmstrip entitled "Family Hero," in which a teenager is given responsibility for purchasing a week's worth

of family meals within a budget; a 16-page, full-color student booklet containing information on beef buying, storing, preparing and serving; a full color wall chart; a 16-page teacher's guide; and a catalog for ordering additional materials.

According to Barbara Hicks, director of education at the Meat Board, "Beef Buying Basics" was reviewed and analyzed by educators and meat science experts prior to its release to schools.

"Today's school children are tomorrow's beef consumers," said Hicks.

House debates bill to fight soil erosion

A bill that would increase federal spending to combat soil erosion under a variety of programs has been introduced by Rep. Ed Jones (D-Tenn.) chairman of the House of Representatives agriculture subcommittee on conservation, credit and rural development, according to CNS.

Co-sponsored by Democratic and Republican leaders of the House Agriculture Committee, the bill would allow the U.S. agriculture secretary to designate areas for federal financial and technical aid to farmers, including long-term conservation contracts.

It would also permit him to create county conservation boards that would receive federal grants, create loans for farmers to carry out conservation measures and various other measures aimed at better efforts to protect agricultural land from soil erosion.

At subcommittee hearings on the proposal, Charles Benbrook, staff member of the Council on Environmental Quality, said federal money for soil conservation had to be targeted better to areas most likely to see serious yield reductions through erosion of topsoil.

He said federal administration of soil conservation programs had to realize differences in soil qualities in various parts of the nation and tailor conservation programs for those differences.

Also discussed at the recent hearings were possible ways the federal

government can slow the pace of the conservation of U.S. prime farm land to non-agricultural uses, a trend that consumes up to three million acres per year.

Bob Gray, executive director of a recently completed national agricultural lands study, said he favored some loan or tax incentive to developers to encourage location of new plants and housing on land

that is not used for farming. He said federal programs have been a major culprit in the conversion of agricultural land by subsidizing industrial and housing development, and that a legislative signal needed to be given to federal agencies to consider the preservation of farms.

U.S. Agriculture Secretary John Block has said the effort to keep agricultural

land in production should be spearheaded by local and state agencies, with the federal government providing technical assistance, a view supported by Gray. A variety of state and local programs already exist.

Hourly productivity in the farm sector has run three times the rate of increase in non-farm industries during the past 10 years.

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- Lot # 2 Mel-Rail 1, Sire: Blismark
- Lot # 4 K342, Sire: Extra Stretch
- Lot # 6 K340, Sire: Extra Stretch
- Lot # 7 HRS Kodiak 397K, Sire: Salvador
- Lot #15 H515, Sire: Extra Stretch

Annual Bull Sale Monday, March 30, 1981

1 p.m. at Rich Sale Barn • Parker, Colo. Lunch at noon at sale barn

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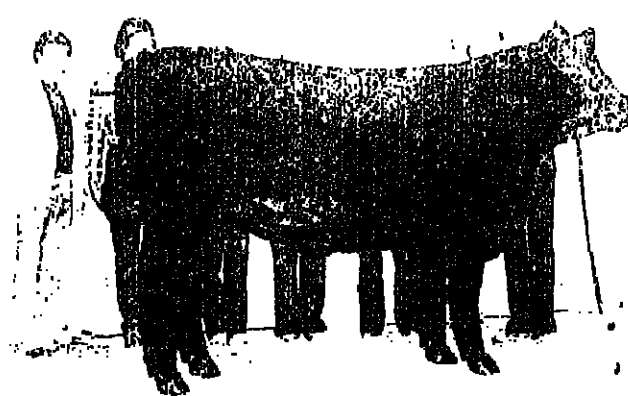


GL1 Domino 074 (Top 6731 son)



Cooper Hereford Ranch claimed the 1981 National Western Stock Show's Hereford Championship in the fed breed division with an entry of six steers produced by Reich Bros., Willow Creek. The fed steers averaged 3.96 lbs. per day weighing out an average of 1,316 lbs. for a 794 lb. average carcass wt. and passing the graders at choice yield grade 3's.

COOPER HEREFORD RANCH



DUCHESS CROWNED—R&J Duchess 1239 was declared junior and grand champion Angus female of the Houston Stock Show. She's owned by R&J Ranch, Briggs, Texas; Picket Fence Farm, Grayslake, Ill.; Empire Angus, Pleasant Hill, Mo.; and Gallagher's Angus Farm, Ghent, N.Y. Show judge was Gary Dameron, Lexington, Ill.

ECC establishes beef import quota

The European Community (EC) Commission will allow the importation of 3000 metric tons (MT) of high quality, fresh or frozen beef from the U.S. during the first quarter of 1981.

EC traders were able to apply for import licenses under the quota between Feb. 1-10.

"The Commission has delayed establishing the first quarter high quality beef allocation since the beginning of the year, in effect keeping U.S. beef off the EC market for more than

a month," the U.S. Meat Export Federation's European Director James H. Lennon said.

"The true reason for the quota delay is that the Commission chose to give priority to its vast amount of unfinished year-end business, as opposed to ratifying a new quota," Lennon said.

Under the first quarter 1981 EC beef quota, U.S. exporters will be able to ship products to Greece, the newest Community member state.

Water, energy management means money in the bank

Separating energy and water management in farm irrigation isn't possible, but correct management practices in those areas could put some money back into farmers' pockets, a University of Idaho agricultural engineer says.

"Energy management and water management can't be divorced, but proper water management would solve about half the irrigators' energy problems," said Dr. John Busch, associate professor of agricultural engineering.

"There are two main areas to consider," Busch said, "system planning, design and management and water management as related to energy use."

"Water management consists largely of applying

the right amount of water at the right time." This is determined partly by the soil and partly by the crop being grown. He said an added benefit of careful water application is a large reduction in soil erosion.

Among things to consider is irrigation pumping for maximum net benefit, rather than maximum production. He said sometimes a slightly lower yield of a crop may cost enough less to produce than a larger one that the profit may actually be greater. "Often that additional water application doesn't produce enough more crop to justify its cost," he said. Researchers are just beginning to study this aspect of farm irrigation efficiency.

System maintenance plays a large role in water and energy conservation, Busch said. "Leaks can cost several hundred dollars in a year, much more than preventative maintenance of the system."

Irrigators should check for worn-out sprinkler heads, worn out nozzles, leaking seals and faulty valves and replace them when they need to be.

Irrigators considering a new system or rehabilitation of an old system should take the time to consider many alternatives before selecting a plan, he said.

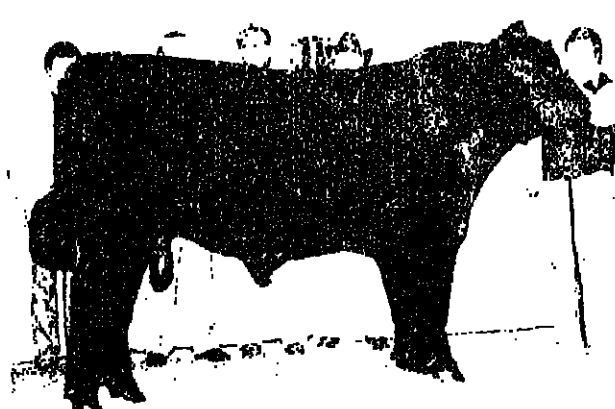
System design in terms of capacity, energy efficiency and often convenience for its owner are, of course, important considerations. One piece of advice he

offered is "don't go to one day with the idea of buying an irrigation system by noon. Give the equipment supplier time to develop a package that will best meet your needs."

"Also plan to visit the electrical energy distributor for power cost estimates and projections. The power company can help."

He said irrigators need to know the lift, the flow, delivery and pressure and hours of operation so that an equipment package can be properly designed.

Another source of help is the Cooperative Extension Service, he said. "County agents have reports and can help develop recommendations."



TOP ALTITUDE—E&W Altitude captured intermediate and grand champion Angus bull honors at the Houston Stock Show. He's owned by E&W Cattle Co., Greentown, Ind.; and John and David Henderson, Carstairs, Alberta, Canada. Show judge was Gary Dameron, Lexington, Ill.

Bluetongue vanishing in north

Results of a survey to detect cattle infected with bluetongue show that most northern and northeastern states are more than 99% free of the disease, a USDA veterinarian reports.

According to Jack Pitcher of USDA's Animal and Plant Health Inspection Service, the importance of the survey results is that the U.S. must be able to guarantee that it is shipping bluetongue-free cattle in order to maintain its overseas export markets.

Bluetongue is a virus

disease of cattle, sheep, goats and wild ruminants. It is particularly damaging in sheep, where up to half of infected animals may die. In cattle and goats, the disease primarily affects the animals' reproductive ability, so is it not readily identifiable.

This, however, is the main reason that many countries refuse the entry of U.S. cattle. They fear that the disease will be spread from imported cattle to their bluetongue-free sheep flocks.

Crop commodity loans to increase, says Block

Loan rates will be raised for some 1981-crop commodities, U.S. Agriculture Secretary John Block said, but he would give no details about how large the loan rate increases might be or to what commodities they might apply, according to CNS.

At a recent press conference Block was asked if his

suggestions for higher commodity loan rates had been approved by the Office of Management and Budget. OMB Director David Stockman had come out against higher loan rates.

Block said only "We're still working on it." He said an announcement of 1981-crop loan rates would be made soon.

Block said only "We're still working on it." He said farmer owned reserve program in 1981, but added that in 1982 the administration would try to simplify the program.

Asked if the administration's recommendation that interest be charged on grain put in reserves will make the farmer-owned reserves

unattractive to farmers, Block said the program will remain "flexible" to meet changing circumstances. He said the program still will offer incentives for farmers to enter their grain to serve as protection against an emergency and as a stimulant to low grain prices.

Ag experts' warning:

Consumers to pay more for food

American consumers, who now pay the lowest proportion of their disposable income for food of anybody in the world, will have to fork over a greater percentage in the future.

That's the warning message being beamed to consumers by agricultural experts as they tackle the "education" side of predictions that farm exports from the U.S. in the 1980s and 1990s will rise sharply and become an increasingly important contributor to the Gross National Product.

With the U.S.—the world's largest agricultural producer—in a strong position to capture the lion's share of increasing world demand for agricultural commodities and foodstuffs, agricultural economists and officials with the USDA are warning that this trade must not be fettered by cheap-food policies or shortsighted domestic political use.

One of the observers, agricultural economist Jim Plaxico of Oklahoma, says, "I think we are going to have to adjust to rising energy prices and rising exports of agricultural products to pay for it."

"Agriculture is one of the few competitive industries our country has...So we simply have to expand our agricultural exports because of petroleum and other imports."

Thomas R. Saylor, associate administrator of the USDA's Foreign Agriculture Service, warned of the likelihood of pressure from consumers and other groups to set up export controls to maintain cheaper domestic food prices.

"Such a policy would be shortsighted," he cautioned.

"I believe strongly that the only means of assuring long-term supply and reasonable food costs in the U.S. is to permit a substantial increase in the real price of agricultural commodities," he added.

"This means that we will have to tolerate increases in the proportion of income Americans spend for food, which—at less than one percent—is the lowest in the

world. Our livestock industry and other sectors that depend on agricultural commodities as a production input also will be faced with increased costs."

Saylor said unrestricted exports of food and fiber from American farmers were necessary to meet world demand, foster world political stability and to strengthen the U.S. economy by offsetting the costs of imports.

Americans spent 16.9% of their disposable income on food, tobacco and beverages in 1979, according to figures from the USDA. That compares with 16.5% the year before, 18%

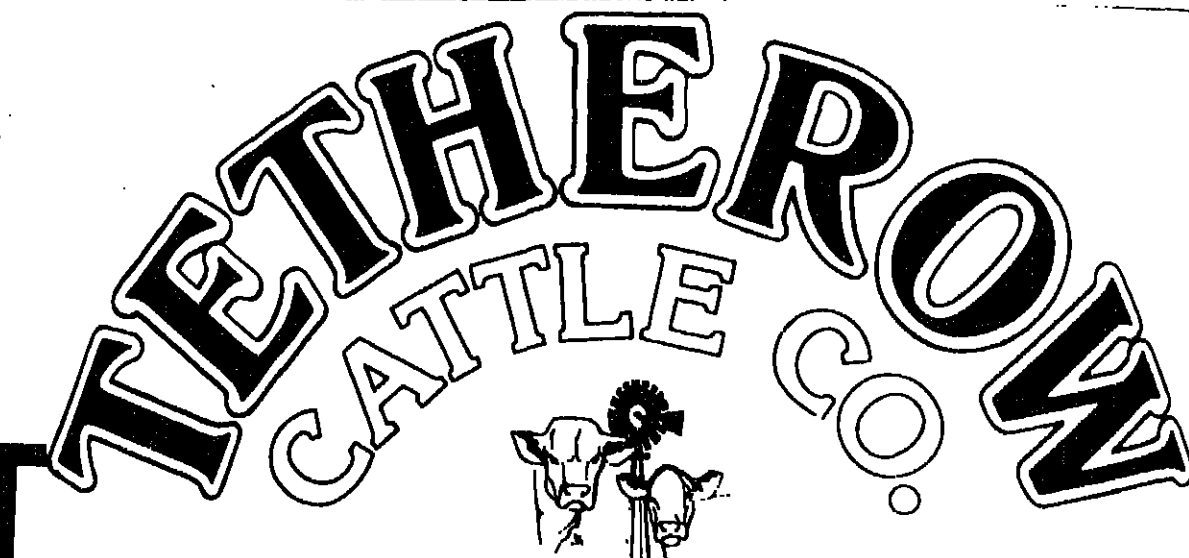
in the early 1970s and 20% in 1965.

Citizens of Sweden, Denmark and Switzerland, who have a higher per capita income than Americans, spent from 27 to 29% of their disposable income on food, tobacco and beverages, while Soviet citizens spent 45%, Italians 35%, Japanese 28%, West Germans 27% and Canadians 21%.

The USSR is likely to import seven million tons less grain than planned due to the U.S. suspension of grain sales to the Soviets, according to the Department of Agriculture.



HONORED—J.D. Sartwell, Sr., of Sealy, Texas, has been named as the 1980 Man-of-the-Year in Texas agriculture according to the Progressive Farmer magazine. Sartwell is one of the founders of the Texas Brahman Assn., and has served as its president. He has also served as a director and as the vice-president of the American Brahman Breeders Assn.



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Simmental Bull Sale

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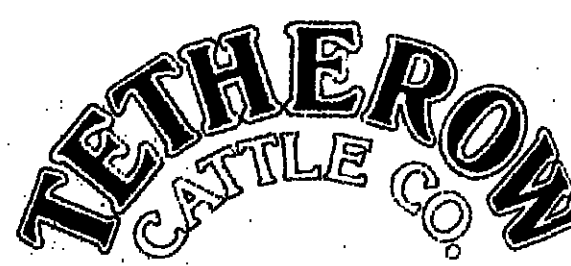
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Agriculture nears top of hazard list; accidents prompt safety campaign

With agriculture now the third most hazardous occupation, following mining and construction, farm communities around the nation are rallying around the slogan "Be Careful, We Love You."

The phrase was coined by a woman whose husband died when his arm became entangled in a grain combine. His wife was attending a safety class and his children, not knowing how to help him, watched as he bled to death.

As with most workplaces, farms and ranches have occupational health and safety hazards; not just tractors turning over and exposure to toxic chemicals, but a myriad of lesser-known accidents and health disorders that are causing rural communities to rally around the cause of agricultural

health and safety.

In Frederick County, Md., last summer 300 residents joined two local farmers, who had recently had amputations in farm machinery accidents, to stage a week of farm safety demonstrations. The residents then challenged other counties in the state to hold similar programs, and seven counties did so immediately.

"People are becoming more concerned about their friends and neighbors being involved in farm accidents," said Gary Smith, an agricultural safety specialist for the Maryland Cooperative Extension Service.

Farm implement dealers are particularly active in such programs and have even assumed a regulatory role in some cases. For

instance, when a Colorado farmer lost a finger in a corn picker last year, the local John Deere dealership in Fort Lupton stopped selling the picker. Other farmers in the community had lost parts of their hands and arms in similar machines, attributable, some said, to the fact that there is no off switch on the machine itself; the tractor it is attached to must be shut down in order to stop the rotation of moving parts on the picker.

In many states, farmers' wives and children are taking courses in methods of disentangling people from machinery. The first step, of course, is to turn off the machine; then to turn off the diesel fuel.

"Women are the health care workers on the farm," said Margo Rosenkranz, of the Institute of Rural Environmental Health at Colorado State University, "so they are the target for much of the current health care information."

Special training is also being given to emergency medical teams and paramedics in rural areas, where ignorance of farm situations has resulted in the deaths of a number of ranchers in the past few years.

An accident last year in Beaver Creek, Utah, is a prime example. A farmer went into the manure pit in his barn, where he was overcome with noxious gas. His two sons saw him and while one called the sheriff, the other was overcome with the gas as he tried to rescue his father. The sheriff went into the pit also, where he died along with the father and son. Similar tragedies have recently occurred in Iowa and Pennsylvania when farmers and their rescuers became overcome with silage gas in and around a newly filled silo.

Chemicals have always been a hazard on farms, but since the banning of DDT, health problems related to pesticide exposure have increased. According to Dol Sandfort, also of the Institute of Rural Environmental Health, "the old DDT was an environmental problem but it didn't cause the immediate physical problems to the worker that the new pesticides do." The organo phosphate pesticides are absorbed easily through the skin and contact can be fatal.

"The main problem," says Sandfort, "is that farmers and workers use

these chemicals regularly; they get accustomed to using them and they tend to get careless."

Small-scale ethanol production is a new concern of farm safety experts. Billy Schroeder, a well-known figure in the American Agriculture Movement which organized farmers to drive their tractors to Washington, was killed last year at his family's new gasoline plant near Springfield, Colo. The potential for equipment accidents and explosions exists with ethanol, according to Sandfort. If enough of the ethanol vapor is exposed to an it can be ignited very easily.

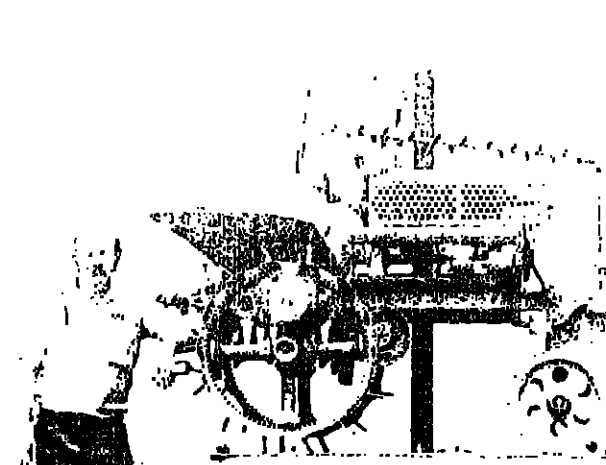
"A classic danger," said Sandfort, "is caused by people smoking cigarettes near an ethanol still. It's the same process as making moonshine, so people think they can be casual about it."

A controversial medical problem associated with agriculture is farmer's lung. Nearly one-third of all agricultural workers suffer from work-related respiratory illnesses, according to Dr. Kelley Bonham of the Iowa University Institute of Agricultural Medicine. The malady ranges from respiratory allergies to chronic

emphysema, and it is not known how many of these problems might be caused by the spores of various molds and other components present in grain dust. While much of the work in farm health and safety has been done in the past by the cooperative extension service of the USDA, there is a trend toward non-governmental education programs. One reason, says Smith of Maryland, is that "so many regulatory agencies are telling farmers conflicting things."

Maryland now has a non-profit Agricultural Safety and Health Corp., which sponsors rural education programs. Colorado's Institute of Rural Environmental Health also has a non-governmental program which provides consulting services to farmers who want to lessen the occupational hazards on their farms. In addition, it assists in providing training programs for rural health practitioners.

"The next decade will bring an increased understanding among rural health care workers of the unique health problems of people working in agriculture," said Margo Rosenkranz.



SPARE PART ART—The art world may not yet recognize Willie Frank as an up-and-coming sculptor, but the folks in Grand Junction, Iowa, do. Frank spent a good share of his spare time last winter "sculpting." The material he chose is somewhat unfamiliar to most artists, but it's what Frank knows best—farm machinery parts. Frank, a service foreman at Rueter & Zenor Implement Co., spends most of his time preparing tractors and combines for fieldwork.

Texas A&M Cattle Short Course

Many problems are facing today's ranchers, who must study options and plan management changes to cope with rising production costs.

An attempt will be made during the upcoming range section program of the Beef Cattle Short Course, April 6-7 at Texas A&M University, to explore options which ranchers have available to deal with range management problems, says Dr. Bob J. Ragdale, range specialist with the Texas Agricultural Extension Service, Texas A&M University System.

Dr. Charles Scifres, researcher with the Texas Agricultural Experiment Station and professor in Texas A&M's Department of Range Science, will discuss the use of prescribed fire for brush control in the range program of the Beef Cattle Short Course. Wayne Hamilton, a lecturer and researcher in the department of range science, will discuss the integration of fire into forage systems while Tom Oldham, a graduate research associate with the department of range science and Welder Wildlife Foundation, will look at prescribed fire and its effect on the Gulf Coast ear tick.

Dr. Larry White, range specialist with the extension service at Uvalde, Texas, will discuss supplementation needs of livestock and relate these to new techniques being explored for better estimates of forage quality.

The Beef Cattle Short Course is part of the 1981 Texas Animal Agriculture Conference. More information, along with schedules and registration forms, may be obtained from Texas county extension offices.



AWARD PRESENTATION—Special honoree at the 1981 Fort Worth ROM Hereford Show was Bryant Edwards, Henrietta, Texas. Several presentations were made to Edwards by fellow Texans for his dedicated service to the Hereford breed. Presenting special gifts, are Texas Hereford Association president, Johnny Summerour (left), Dalhart; American Hereford Auxiliary first vice president, Mrs. George Knox, Midland; ROM Show honoree, Bryant Edwards, Henrietta; and American Hereford Association director, James Grote, Llano.

AFBF Rural Health Conference

A three-day conference to tackle the challenges of assuring an adequate health care system in rural America is scheduled in Chicago, April 21-23.

Sponsored by the American Farm Bureau Federation, the conference will feature prominent and authoritative speakers from the fields of medicine, education and health-care administration in nontechnical presentations and workshops aimed at attracting the widest possible audience. All sessions will be in the Conrad Hilton Hotel in Chicago's downtown loop.

Participation in all sessions of the conference is not restricted, but advance reservations are recommended. Full details are available from Ken Cheatham, American Farm Bureau Federation, 225 Touhy Ave., Park Ridge, Ill. 60068; phone 312/890-5762.

National Pork Producers Council

Carolyn Lewis has been named by the National Pork Producers Council as director of consumer affairs. Lewis fills a position left vacant by the resignation of Ann Norman.

In her new position, Lewis will be responsible for coordinating the council's consumer education program, working with food editors and home economics professionals.

National Extension Advisory Board

Individuals who use agricultural research and extension programs are invited to express their views on priorities for these programs at a National Agricultural Research and Extension Users Advisory Board meeting in College Station, Texas, April 6-8.

The public forum will be on April 6, from 1 p.m. to 4 p.m., in the Rudder Center, 6th floor, Texas A&M University campus.

If you wish to speak at the forum, send your name, address, telephone number, organization represented (if any) and a brief description of the issues you plan to address to: David Dyer, Public Participation Officer, Science and Education Administration, U.S. Department of Agriculture, Washington, D.C. 20250; or call 202/447-5211.

American Sheep Producers Council

The American Sheep Producers Council has named William J. Blake director of merchandising, according to an announcement made by Richard D. Biglin, ASPC executive director.

Blake, 51, will be responsible for developing and implementing promotional programs to increase consumption of fresh American lamb. In that capacity, he will work with the council's Denver staff and supervise and coordinate the activities of the regional lamb merchandising managers and also work with the regional food service manager.

One of Blake's first projects will be to launch a new lamb merchandising and promotion in the southwestern U.S., an area which has attracted many lamb consumers from the northeast.

American Polled Hereford Assn.

Polled Hereford breeders Bill Wolfe of Wallawa, Ore., and Bill Woolston of Sheridan, Wyo., have been elected chairman and vice chairman, respectively, of the board of directors of the American Polled Hereford Assn. (APHA).

Their election occurred during the 58th National Polled Hereford Convention, held in Denver, Colo. New directors assuming four-year terms on the board are Charles Boyd, Mays Lick, Ky.; Dan McFarland, Fredericksburg, Iowa; and J.R. McLane, Daleville, Ala.



JUNIOR ANGUS OFFICERS—1981 officers of the Texas Junior Angus Assn. were elected at the recent junior association banquet in Ft. Worth. They are, left to right: president Ty Williams, Lockney; first vice president Alford Echols, Cooper; second vice president Glenda Holt, Navasota; reporter Cindy Kelm, Brenham; and secretary-treasurer Tina McKinnon, Bedford.

Nebraska Beef Cook-off

Ever wonder what Julia Child or Merle Ellis would think of your favorite beef dish? You can find out, say Nebraska CowBelles.

Each year the National Beef Cook-off gives 50 contestants an opportunity to have a panel of famous chefs, food writers and beef experts evaluate their culinary skill with beef.

To enter the national contest, a cook must first win his or her state contest. Depending on where a person lives in the state, aspiring cooks can enter a local contest or send their recipe directly to the state cook-off committee to use if they can qualify, Stewart said.

Any interested cook with a non-professional status over 18 years old should write for information and entry forms to: Nebraska Beef Cook-off, Mrs. Greta Stewart, Annear Rt., O'Neill, NE 68763, 402/336-2007.

Local contests are scheduled for April 11 in Broken Bow and April 24 in O'Neill.



HIRED—Dr. Cheryl Nelson, D.V.M., has been hired as the resident veterinarian for Genetic Engineering, Inc. The Denver, Colo. based company is engaged in custom semen collection and non-surgical embryo transfer in the cattle industry.

Angus board favors revised grade plan

The American Angus Assn. board of directors has gone on record in support of the proposed USDA beef carcass grading changes that were adopted by members of the National Cattlemen's Assn. (NCA) at their recent convention in Phoenix, reports Myron Woolver, president of the American Angus Assn.

"The proposed guidelines for revising the USDA beef carcass grading standards should not measurably affect the quality of beef that is graded USDA choice," said Myron Woolver. At the same time the board believes that the grade revisions will help achieve the following goals:

- Increase the demand for beef.
- Decrease production costs to the entire beef industry.

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The action supporting the grade revisions was taken in a formal resolution adopted by the Angus Assn. board of directors at their regular business meeting at the 1981 convention.

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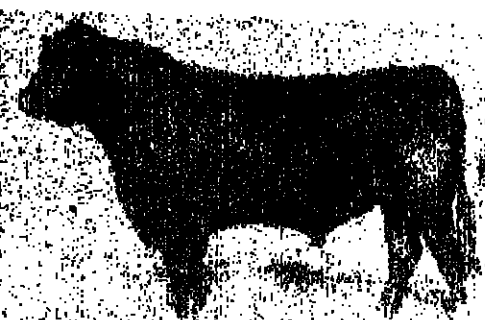
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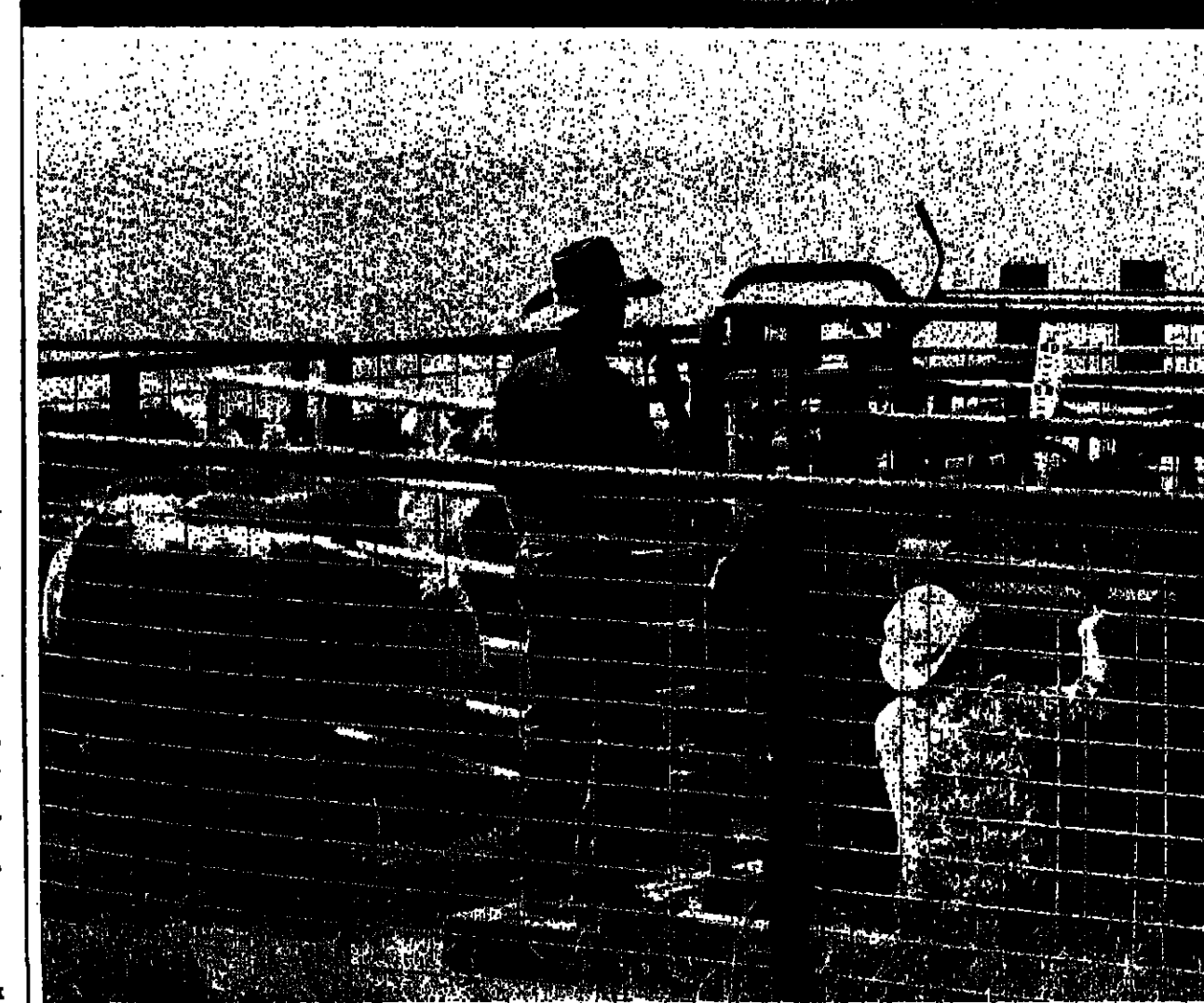
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New Mexican caution: scabies mite still lurks

Recent outbreaks of scabies are reminders to New Mexico livestock owners that this long-time southwest cattle disease hasn't been "dipped" out of sight. By mid-winter three counties have herds with scabies, and since winter is the most likely period for high incidence of this disease, the count of counties may climb.

To avoid the quarantine of your herd because of scabies, the cost of dipping and the loss of weight plus additional longer feeding time, New Mexico Secretary of Agriculture Bill Stephens recommends livestock owners learn more about scab.

Scab or scabies is caused by a microscopic mite. This mite punctures the skin of cattle and feeds on the body fluids released from the wound. These fluids ooze from the bites, dry, become mixed with sloughed skin and form scabs. Hence, the name, "scabies" or "scab."

As the mites increase in number, the animal's hair

falls out, the lesions spread and the body becomes encrusted with thick, rough crusts. Cattle tormented with scab spend hours licking, switching, twisting, rubbing against fences and buildings. In short, they seek any relief from the itching disease.

Scabies mites are contagious and spread by physical contact, multiplying rapidly. One infected animal in a pen can infect the entire herd within a matter of days. Spread is slower in range cattle but anything that brings cattle together increases the infestation. Scabies can spread to inanimate objects such as fence posts, sides of buildings and trucks. The mites can live as long as a couple of days on these objects if climatic conditions are right.

Since scabies is a contagious livestock disease, animals must be treated by prescribed state and federal regulations.

The only official way to kill the mites is pesticide

treatment, through a dip or spray method that covers the entire animal in pesticide. Dipping must be supervised by state and federal personnel. Supervising much of the dipping of infected herds in New Mexico is Dr. Robert Pyles, state veterinarian. He says the cost of dipping animals is running about fifty cents a head for adults and yearlings. There is no charge for calves.

Pyles says the dipping is done twice, the second time, 10 to 14 days after the first dip. So, livestock owners pay fifty cents a head each time the animals are dipped.

Just paying for the dipping isn't the only cost to owners whose livestock has scabies. Stephens says the loss of hide value because of scabies, weight loss and additional feeding time have to be considered as a cost. He also says delay in movement because a herd is quarantined may interrupt a cattleman's plans for

changing grazing or meeting contract requirements.

"When you consider the cost of scabies, it is important that every livestock owner recognize the symptoms of this disease, watch for cattle that exhibit the symptoms and contact a veterinarian if you are concerned about cattle's behavior or actions," Stephens said. He also recommends that livestock owners, buyers and feedlot operators obtain papers on livestock they purchase and be sure they don't buy cattle from quarantined or suspected scabies area. "Look at the cattle, ask questions. Don't bring scab into your herd," he said. "It costs too much."

About 2% of all farms and ranches account for 40% of all farm production and 18% of total net farm and ranch income, says the U.S.D.A.



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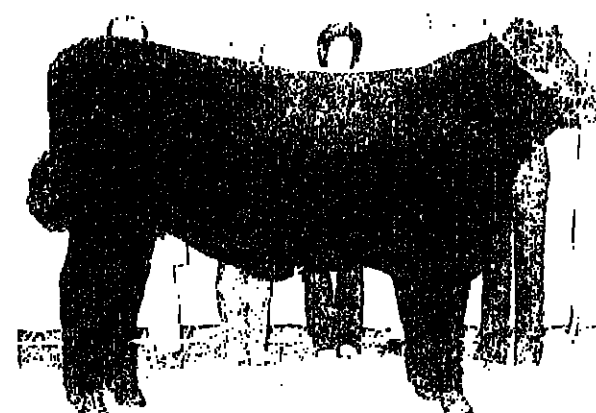
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Browse-ing around:

Livestock eat shrubs, but need more

It's common knowledge that browse—the brushy, twiggy perennial plants native to a region—are a favorite and even necessary food source for native big game animals, such as deer and antelope. What hasn't been known is the use or value, if any, of native North Dakota browse plants as feed for domestic animals, particularly cattle and sheep.

In a year when drought has made feed of any kind a scarce and expensive item, results of a joint project between the departments of botany and animal science at North Dakota State University are of particular interest.

Eleven shrubs, western snowberry, serviceberry, lead plant, woods rose, prairie wild rose, buffalo-berry, skunk bush, choke-cherry, sundbar willow, winter fat and big sage-

brush were analyzed for their nutrient content around the year. Samples were taken from the Sand Hills in southeastern North Dakota and the Badlands in southwestern North Dakota. Dr. William T. Barker of the botany department supervised the collections, and Dr. Duane Erickson of animal science the analyses.

Cattle and sheep will eat some shrub material the year around. As might be suspected, the greatest value of browse is in the spring, when the plants are actively growing. Approximate digestibilities of browse as determined by laboratory procedures compare in value to good quality roughage in the spring and low quality roughage in the fall.

Phosphorus tended to be low, from .12 to .2%, but

higher in the Sand Hills area than in the Badlands. While the leaves were the most nutritious and best liked, the stems and twigs were browsed the year around, and the protein in the winter twigs might be as high as it is because, unlike grasses and perennial broadleaved plants (forbs), the roots are not the primary storage place for nutrients during the dormant period.

Protein and dry matter digestibility were significantly higher in choke-cherry, western snowberry and serviceberry from the Badlands.

During the growing season the protein contents in buffalo-berry, chokecherry, serviceberry, woods and prairie wild rose and lead plant, leaves and twigs combined, were high enough to meet maintenance requirements of sheep and cattle.

Foreign markets: future growth for ag products

The growth market for U.S. agricultural products is in the export area in the years ahead, not in the domestic arena, according to a Texas A&M University agricultural economist.

Dr. Michael Cook, assistant professor of agricultural economics with the Texas Agricultural Experiment Station, said, "Many foreign countries are becoming increasingly dependent on food supplies, and U.S. producers are becoming increasingly dependent on export markets." Cook

made his comments at the 20th Texas Farm and Ranch Credit Conference in Commercial Bankers at Texas A&M sponsored by the Texas Agricultural Extension Service and the Experiment Station.

Cook noted that agricultural exports are increasing sharply to developing and centrally planned countries. While this is good, he cautioned that these areas are also "the most politically and economically volatile," thereby increasing market risk.

Cook said that the dollar value of U.S. agriculture imports increased from \$6.9 billion in 1970 to \$40.5 billion last year.

The economist predicted about a 3% increase in overall demand for food and fiber products in the next few years compared to a five to seven percent increase in export demand. He added that the tremendous foreign expansion is due in part to many foreign countries moving from a grain diet to one with more animal protein.

"All this means that the U.S. agricultural sector will be operating much closer to full capacity in the years ahead," said Cook. "Thus, there will be higher risks involved in marketing, and more attention will have to be devoted to marketing."

With this increased agricultural production and mounting limitations of such resources as energy, credit and land, increased quality of management will be the key to future growth in agriculture, emphasized Cook.

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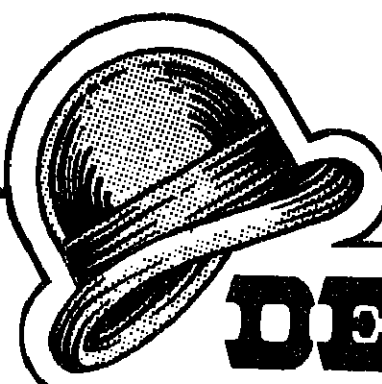
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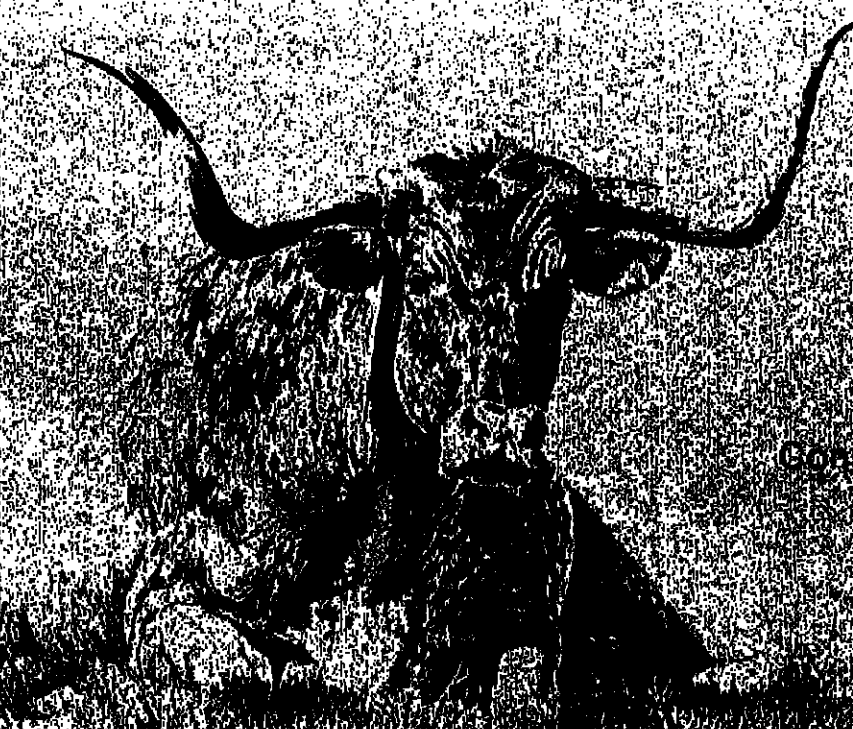
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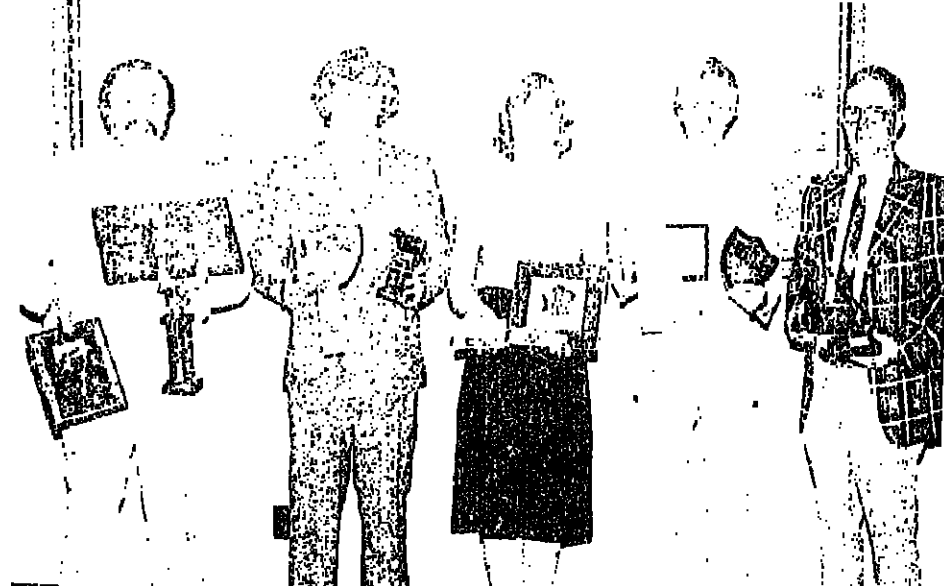
EMBRYOLOGIST—Genetic Engineering, Inc., a new company engaging in semen collection and non-surgical embryo transfer, has added embryologist Larry Nelson to its staff. Nelson, who holds a masters degree in reproductive physiology, is in charge of non-surgical embryo transfer in cattle at the Denver, Colo. company.

Whole fruits best to plant winterfat

Preliminary results indicate that the best way to establish winterfat, a shrub that provides desirable browse for cattle and wildlife, is to broadcast whole fruits, rather than threshed seeds.

Some controversy exists over the best way to get winterfat established in areas disturbed by strip mining. The hairy fruits of winterfat germinate slower and are much more bulky than the threshed seed. The bulky fruits can't usually be used in mechanical planting equipment. For these reasons, many unsuccessful plantings have been made with threshed seed.

Although germination from fruits is somewhat slower, our studies show about seven times more seedlings established when whole fruits were used," says USDA range scientist, D. Terrance Booth, whose research has defined important functions of winterfat fruits and explained why using threshed seed has not given good results. "Our emphasis is on plant establishment, and not just germination of the seed," he said.



CAPTURING TITLES—The 4-H team representing Colorado at the 1980 American Royal 4-H Livestock Judging Contest held in Kansas City, Mo., took top honors with 2016 points, placing first in oral reasons and beef cattle, and fourth in sheep. Pictured are Eldon Fisher (left), youth extension agent from Wray; Clay Leonard, Wray; Sue Toner, Wray; Rex Buck, Eckley; and Ward Darring, coach, Yula. Not pictured but a member of the team is Neal Saxton, Yuma.

Management key to scour defeat

Changing calving seasons, vaccination, special handling of ill calves and clean calving areas will do a lot to reduce "the scourge of the livestock industry since man domesticated farm animals," according to an assistant professor in the Washington, Oregon and Idaho regional veterinary medicine program.

Dr. Marie Bulgin, a clinical pathologist at the University of Idaho's Caine Veterinary Teaching Center at Caldwell, said scours or neonatal diarrhea costs the cattle industry about \$250 million annually, and that proper management of the calf when it is most vulnerable could reduce the occurrence of scours, which has a variety of causes.

"What is even more shocking is that the problem appears to be growing worse as livestock raising becomes more intensified," said Bulgin.

The USDA estimates that scours results in the death of one out of every four calves. Idaho produced about 730,000 calves in 1976.

"Whatever you can do to improve the calf's immunity and to reduce the number of disease causes will aid in preventing the disease," she added. "When planning calving facilities, breeding times and other activities, keep those two factors in mind and chances are you will be more successful in preventing most of your scour problems."

Calves are born with a predisposition for the disease, since they are born without the globulin-proteins or antibodies which protect them from disease that most baby animals, including humans, are born with, she said.

These same globulin-proteins or antibodies are contained in the colostrum from the calf's mother, but only in the first 24 hours of life is the calf able to absorb them from the intestines into the bloodstream.

"It has also been shown that stressed calves, such as calves that must be pulled or calves which have ears and feet frozen, are not able to absorb antibodies for as long a period as a normal calf," Bulgin said.

The calves are normally born January to March when animals are most concentrated and when disease agents are most likely to build up, Bulgin said. Among the agents

causing scours in beef calves are viruses, bacteria and protozoans.

Vaccination can control most of the scours in the beef industry.

"It is possible to vaccinate the mama cow against many of these specific viruses, thus enabling her to produce specific antibodies to put in her colostrum against these disease agents," said Bulgin.

"Furthermore, vaccination of the dam (female parent) reduces the number of these same agents in the adults who do carry them, although they aren't showing any signs of disease."

Antibiotics, she added, don't have an effect on the viruses or protozoans.

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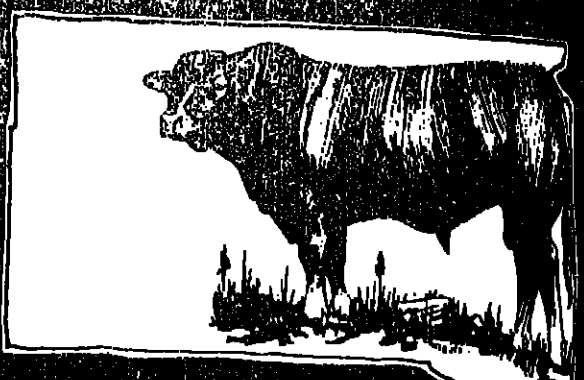
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Future livestock demand hinges on '81 inflation, interest rates and corn

Inflation, interest rates and an uncertain corn outlook will weigh on livestock demand in 1981, said Italy Gallat, chief economist, Heindol Commodities.

Speaking at the American Pork Congress at Heindol's seventh annual outlook seminar, Gallat said commodities were the first industry to be affected by high interest, reports CNS.

In an attempt to cut the budget deficit and reduce inflation President Reagan is employing high interest rates to discourage demand, Gallat said. Carry-over incentive for commodities has been removed and a shift toward stock liquidation has resulted, he said.

Gallat said there is a reluctance to put meat into frozen storage unless it can be hedged, and this continuing pattern will weaken livestock demand.

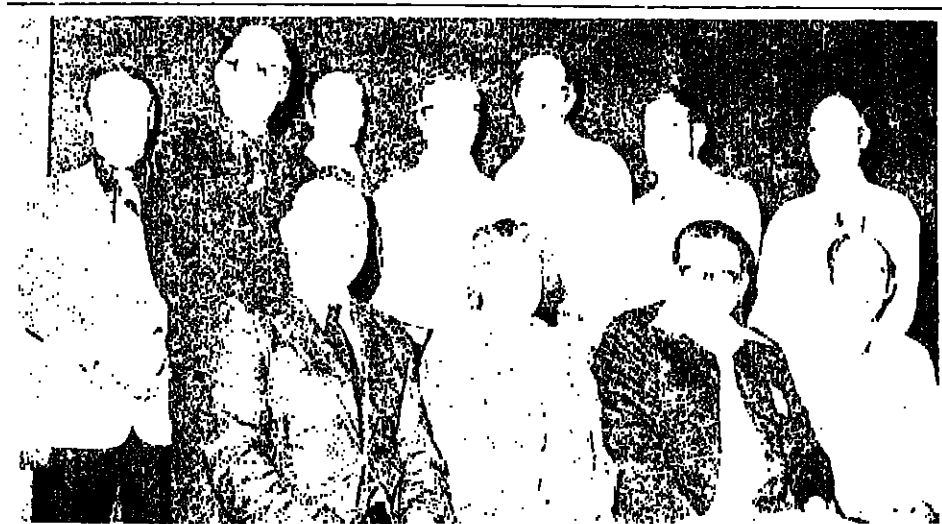
Expectations of a continued tight corn supply based on precipitation uncertainty will influence poultry, hog and cattle cutbacks, Gallat said.

Reagan's budgetary cut proposals will also be an inhibiting demand factor, he said.

"Agricultural cutbacks will be felt in streamlining the food stamp program... and the ultimate outcome will be some reduction of demand," Gallat said.

The inflation rate cannot fall if refiners do not reduce prices in conjunction with the recent substantial declines in cash hog prices, Gallat said. He advised producers to approach the Pork Council and ask the Food Marketing Institute to deal with refiners through this method.

There may be a "silver lining" behind these economic pressures, Gallat said. If consumers have less money to spend, they tend to abstain from expensive traveling and capital spending and spend more on food, he said.



MONTANA LEADERS—The Montana Hereford Assn.'s annual meeting was held in Miles City recently and following the business session part of the convention officers and directors of the MHA met for this picture. They are, David Largent (left), Willall, president of the American Hereford Assn.; Joanne Beery, Vida, secretary; Bill Ammen, Turner, vice president; and Lorrie Peterson, Livingston, president; directors, Loren Brooks (standing left), Hardin; Henry Visser, Manhattan; Vernon Wilson, Sheridan; Richard Thomas, Goldcreek; Paul Douglas, Wibaux; Don Bailey, Forsyth; and Gary Holm, Miles City.

Texas cattlemen aim for statewide checkoff

Leaders of four organizations representing cattlemen in Texas have agreed to work toward a voluntary 25-cent checkoff program in that state to support national beef marketing development efforts.

The agreement was reached at a meeting in Irving, Texas, called by the Beef Industry Council of the National Live Stock and Meat Board. In attendance were the chief elected officers of the Texas and Southwestern Cattle Raisers Assn.; Texas Cattle Feeders Assn.; Texas Farm Bureau; and Independent Cattlemen's Assn.

However, the agreement is subject to approval by the board of directors of each organization.

Under the proposed plan, 25 cents will be collected for each head of cattle sold to a packer or through a livestock market. The collection will be voluntary. Funds will then be remitted entirely to the Beef Industry Council of the Meat Board for use in national programs of research, education, information and promotion.

"There is another positive development in the beef industry's push to protect and expand its market," said James Mullins, chairman of the Beef Industry Council.

"Texas, the number-one state in cattle numbers, joins 19 other major beef-producing states in working toward a increased check-off. The beef industry needs this kind of commitment if we are going to meet the competitive challenges we will face in the 1980's," he said.



GRAND CHAMPION—Judge Howard Hillman, Bon View Angus Farm, Canova, S.D., selected Brinks Hopi 699K (Signal) as the grand champion bull at the International Brangus Show in Houston, Texas. The March 1978 son of Brinks Chief 606/2 (Hopi) won the senior champion bull award and two-year-old bull class.

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Economist says number too high; dismal profit prospect for feeders

Even though fed cattle prices should improve some this spring, cattle feeders probably will still continue to operate in the red, according to a Kansas State University agricultural economist.

"Break-even prices for cattle feeders during the first quarter of 1981 will probably range between \$73 and \$75 cwt., and in the April-June period they could well be in the \$72-to-\$74 range," Orlan C. Grunewald, agricultural economist for the Kansas Cooperative Extension Service told those attending the 88th annual cattlemen's day.

"This compares with fed steer prices averaging around \$65 in the first quarter and \$72 cwt. in the second quarter of this year," he added.

During 1980, Kansas cattle feeders lost about \$50 a head on each steer they finished, even though choice steer prices averaged near \$67 cwt., the economist observed. Record high interest rates, record total meat supplies, skyrocketing feed costs and declining real consumer incomes all added to cattlemen's woes.



DIRECTOR — Dr. R.H. Rainier has been named director of animal health research in Pfizer's central research division.

Book reveals cost of wheat transport

Shipping patterns of U.S. wheat under various export demand situations and transportation rate structures are analyzed in a new Montana Agricultural Experiment Station publication.

"An Economic Analysis of the U.S. Wheat Marketing Structure," Bulletin 722, is based on a study of 54 domestic wheat producing regions, nine foreign importing regions and 11 U.S. export ports. It includes rail, truck, barge and ocean vessel shipments.

The study, based on eight mathematical programming models, was conducted by Won Koo and Gail Cramer, agricultural economists with the station. They also wrote the bulletin.

The publication discusses the least-cost shipping route from U.S. production regions to domestic millers and foreign buyers under different export demand conditions and transportation rates. It also examines existing wheat handling facilities of American ports and evaluates the interdependency between domestic transportation and international trade.

The 36-page publication, featuring a number of tables and maps, is available free from the Extension Mail Room, 19 Pryor Hall, Montana State University, Bozeman 59717.

"Although beef supplies have been historically low the past couple of years, cattle feeders have suffered nearly 18 months of losses, starting in mid-1979," Grunewald said. "Most of their troubles have resulted from factors other than beef supplies. These were the weak economic situation, high feeding costs and heavy competition from other meats, especially poultry."

Large numbers of heavy-weight yield grades 4 and 5 cattle moved to market in December and January and depressed prices then. But, the economist said, it is apparent that excellent gains and low prices will encourage feeders to continue to overfinish cattle as they hold them longer than necessary in hopes of higher prices. Even though feeders will place fewer animals on feed, they will hold them longer, so the industry will probably not become current in marketing anytime soon.

"Relatively large total meat supplies, continued abundance of overfed cattle in some areas, a sluggish general economy, declining consumer purchasing power and a wide farm-to-retail meat price spread will keep downward pressure on cattle prices through much of this year," he said.

Grunewald said he expects choice steer prices to average in the \$65 to \$73 cwt. range, about the same as in 1980, southwest Kansas basis. Seasonally

declining meat supplies during the second and third quarters should push prices modestly higher, averaging in the lower \$70's.

Lack of profits in cattle feeding has also been reflected in feeder cattle prices, which were sharply lower in late 1980. "As feeder prices have declined, the spreads between feeder and fat cattle have narrowed from more than \$15 cwt. to the five to seven dollar range," Grunewald said. "Similarly, the spreads between calves and fed cattle have narrowed to about \$10 to \$12 compared with nearly \$30 cwt. a year earlier."

Choice feeder steers weighing 600 to 700 lbs. are likely to move into the upper \$70's cwt. this spring and summer. A sharp drop in feed grain prices or improved pasture conditions would push feeder prices three to five dollars higher than this range, Grunewald added.

Choice 400-to-500 lb. calves are likely to average in the upper \$70's and move up into the low or mid-\$80's cwt. by early summer.

Grunewald said the number of heifers held for beef cow replacements—up four percent from last year—suggests the cattle inventory will continue to grow relatively rapidly.

"It looks as though the cattle numbers are expanding too fast, in light of all the factors to consider, for the cattle industry to be profitable," he concluded.



NEW MEXICO OFFICERS — Selection of the 1980-81 officers for the New Mexico Hereford Assn. was made during the recent hold-day held at Langford Herefords, N.M. They are: Royce Medina (front row, left) Managing director, and Richard D. Summer, president; Robin Frost (back row, left), San Juan reporter; Lisa Gardner, director; Billy Calhoun, Las Cruces secretary; Stacy Medina, Madera director; Lisa Blackburn, Broadview, first vice-president; and Jenni Kuper, Santa Fe treasurer. Not pictured but elected second vice-president is Casey Jeffers, Santa Fe.

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Supplementing on grass may pay in late summer or during dry year

Is summer supplemental feeding on grass worth the effort?

Compiling results of his research on tall and shortgrass, a Kansas State University range management researcher said, "If we have a dry spring and summer, supplementing might give you a profit edge in cattle."

Ed Smith, speaker at a recent cattlemen's day in Kansas, said early summer grazing gains were more efficient with lower levels of supplementation over a short time period than higher levels. There are indications also that supplemental grain feeding of cattle on pasture might be effectively used with a feed additive such as Rumensin to increase stocking rate, but, he warned, "Look at the feeding costs and cattle prices closely and especially how interest costs affect the costs of keeping cattle."

The supplements used in the grazing trials that Smith reviewed varied from all grain to an all protein supplement such as cottonseed meal, but most common was a combination of 50% grain and 50% soybean meal. He said a typical supplement for

cattle on grass contained 25 to 30% protein in the Kansas trials. Native grass in Kansas was highest in eastern Kansas and buffalo-grass and blue grama in western Kansas.

In the early summer trials, he said, "Supplementing cattle on grass was a money-losing deal." Supplemented cattle showed a daily gain of .23 lbs. per day over the cattle on all grass. If you fed them two or three pounds of supplement at eight cents per pound, that would run the cost of 18 to 24 cents per day. If calves sell at 60 cents a pound, that would mean you would be losing more than two cents per head per day without considering the additional labor or cost of hauling feed out to them in your pickup.

"The reason for the low response to supplementation in early summer is that this is the time when grass would be highest in nutritive value, so you are better off sticking with grass only," said Smith.

Supplemental feeding from July to October presents a slightly different picture, he added. The grass becomes lower in nutritive value and respon-

ses are better, but Smith said the producer will have to decide if five cents per head per day gross profit is worth the trouble (that's on cattle selling at 60 cents a pound.)

In the Kansas and Oklahoma studies, average increased gain through supplementation was .35 lbs. per day, putting an additional 21 cents per day (.35 lbs. times 60 cents) value on each calf over what it would have returned from grass only. The supplement fed still costs 16 cents per head per day. On 60 head of cattle (five cents per head) the profit would be only \$2.50 per day.

If this doesn't look like it's worth the effort, the producer might save some labor and get similar but slightly reduced gains by feeding every other day or three times a week, he said. A salt-meal mixture in a self-feeder also would give slightly reduced gains.

When Rumensin is added to the late summer supplementation program, the return for labor and hauling the feed increases, but so do input costs, says Smith. Daily gain increased to .46 lbs. per head per day. The growth potential increased the feed costs to 18 cents per

head per day. On 60 head of calves that represents a return over costs of five dollars per day, or for 100 head, \$10 per day. Again, Smith said, feeding less often or using a salt meal mixture could reduce labor but would also slightly reduce the gain picture.

Based on these results, Smith said, "If the grass is green all summer, I wouldn't expect much response from late summer

supplementing and wouldn't recommend the practice."

Reviewing the South Dakota and Nebraska studies on all summer supplementation, he said the data show that low levels of supplementing (one to two pounds daily) present a better response than higher levels (four to eight pounds). He said, "The upper levels of supplementing took a lot of feed to produce a pound

of gain, so the producer might as well move the cattle off pasture to a dry lot."

Smith said low levels of supplement with Rumensin all summer might marginally improve the return, but information in Kansas is too limited to recommend the practice. To date, the best return came from feeding one to two pounds of supplement with Rumensin in late summer.

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Farmer loans to face budget cuts

The proposed Reagan administration budget cuts in the Farmers Home Administration will mean that some farmers will be unable to obtain loans to operate or buy farms, Donald Wilkinson, governor of the Farm Credit Administration told a House of Representatives subcommittee, according to CNS.

Wilkinson, whose organization is an independent federal agency which loans non-federal dollars, said in prepared testimony for the conservation, credit and rural development subcommittee that it is difficult to estimate how many farmers would be unable to get loans if the FMHA cuts are approved.

Those farmers who receive FMHA loans for operations and farm ownership who are at the lower end of the income ladder may not be able to obtain commercial loans or pay commercial interest rates, Wilkinson said.

How much total credit farmers will need in the current and next fiscal year will depend on what net farm income is and how the Reagan administration fares in its fight against inflation, he added.

Wilkinson said disappointing first quarter returns have reduced the outlook for 1981 net farm income to \$25 to \$30 billion from previous USDA estimates of \$28 to \$32 billion.

"The key to actual levels (of net farm income) is how soon we see an improvement in livestock prices," Wilkinson said. "These adjustments might set the stage for a stronger 1982."

As petroleum costs continue to rise, cotton becomes more competitive with polyester, and U.S. manufacturers continue to export more and import fewer cotton goods.

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Accident leads to life-saving find; daylight calving linked to feeding

Partly by accident and partly through observation, Gus Konefal, Canadian cattle producer, said he stumbled on to a way to get cows to calve in the daytime.

And where Konefal lives near Arborg, Manitoba, outside calving time temperatures can go to -50 degrees below zero at night—an added incentive to be inside near a warm stove and outside when the sun warms up the day.

Auction Results

COLLIER DIAMOND C RANCH
Stephenville, Texas, March 7

90 bulls.....\$1,053

Auctioneers: Joe McEham and Charles Rollins

Tops: Mr. Diamond C M059, 3/3/80 by Mr. Clean; Frank Zoellers, Dublin, \$2500. Mr. Diamond C M021, 1/15/80 by Topo: G.L. Tate, Rockwall, \$1000. Mr. Diamond C M729, 3/30/80 by Mr. Clean; Ed Kenner, Stephenville, \$1675. Mr. Diamond C M804, 2/17/80 by Richgold; T.P. Inman, Center, \$1650. Mr. Diamond C M837, 3/13/80 by Richgold; Tom Edmonds, Center, \$1600. Mr. Diamond C M017, 2/23/80 by Richgold; Parker Bros., Fort Worth, \$1500. Mr. Diamond C M099, 3/10/80 by Richgold; Bobby Johnson, Comanche, Okla., \$1500. Mr. Diamond C M820, 3/23/80 by Excitement; Tom Edmonds, \$1475. Mr. Diamond C M818, 2/28/80 by Excitement; Larry Simpson, Meverick, \$1375. Mr. Diamond C M110, 3/12/80 by Erlendo; Keith Faye, Rochester, \$1350. Mr. Diamond C M053, 3/2/80 by Alpine Pooled Challenge; B.T. Wheeler, San Angelo, \$1300. Mr. Diamond C M075, 3/14/80 by Erlendo; Davis & Davis, Abilene, \$1300.

This moderate crowd stayed and held a steady market throughout this event. The cattle were in fair to good condition considering our long drought conditions. The high selling bull went to rank Zoellers of Dublin, with several buyers taking a volume of the bulls.

—FRED GREEN

Konefal said when he approached the Canada Research Station at Brandon, Manitoba, the researcher thought the idea was crazy, but after a few more visits he persuaded him to record the station's cows as to when they calved during a 24-hour cycle for several years. He wanted that data as a control to compare hours that his own cows calved.

The research station began trials on the Konefal Method in 1980 and again in 1981, feeding at nine and 10 at night.

Bull Test Results

S.E. COLORADO BULL TEST
Lamar, Colo.

112 Day Report

The top Charolais sire group at 112 days was by Bardon 27, owned by Piper Charolais of Springfield. The three bulls averaged 3.99 lbs. average daily gain, and included the top individual Charolais which gained 4.27 lbs. per day.

Thunder Valley Angus Ranch, Lamar, claimed the top Angus sire group by Blue Blood These three bulls averaged 3.38 ADG, and also included the top individual at 3.58 ADG.

The high Hereford sire group at 352 ADG and high gaining individual at 3.71 ADG were owned by Deeds Hereford Ranch, Prichett, and sired by CL1 Domino 384.

For Polled Herefords, the top individual at 3.68 ADG was again in the top sire group which averaged 3.30, were sired by HPH Victor 217, and owned by Hobbs Polled Herefords, Penokee, Kan.

happen at night, but cows would calve in the daylight hours, Konefal said.

What developed was the Konefal Method of feeding, which he elaborated on for a recent Kansas State University Cattlemen's Day audience.

"For a couple of years," he said, "we kept feeding them as late as possible and found they would be busy at night, eating, taking minerals and salt and drinking water."

After two years of feeding them at about noon and 10 at night, they found only one or two of their cows calved at night. He concluded it must be from the change in feeding pattern.

Konefal said when he approached the Canada Research Station at Brandon, Manitoba, the researcher thought the idea was crazy, but after a few more visits he persuaded him to record the station's cows as to when they calved during a 24-hour cycle for several years. He wanted that data as a control to compare hours that his own cows calved.

The research station began trials on the Konefal Method in 1980 and again in 1981, feeding at nine and 10 at night.

Konefal said Dave Nichols, an Iowa farmer, and Iowa State University also have tried the Konefal Method with success and he is getting inquiries and reports from many cattlemen in North America who have tried the method.

Feeding at 10 p.m. at night is a must and should be started approximately two weeks before cows start to calve. Also feed at noon to give the females the energy they need and to keep them moving around at night.

Konefal said, "You must have good corrals to keep cows away from feed until the prescribed feeding times. The females must have salt, minerals and good drinking water at all times."

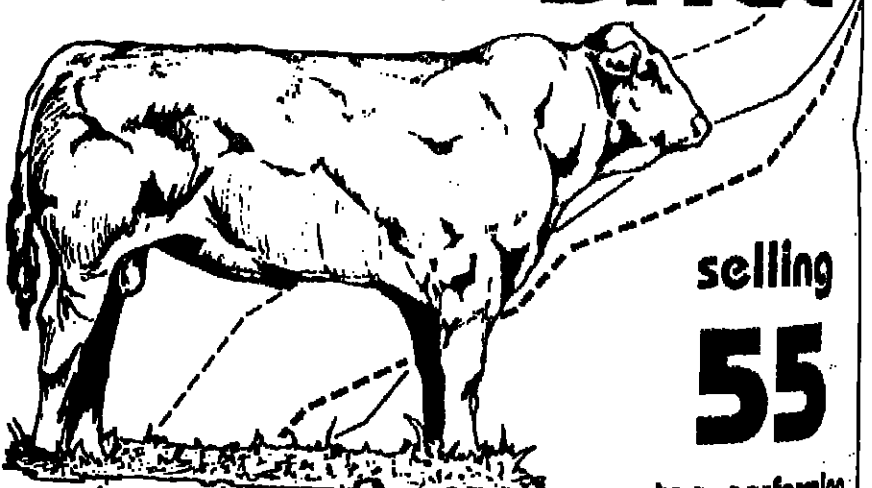
Usually, at the start of the feeding under the Konefal Method you will find cows restless for three to four days, but soon they get adjusted to different times of feeding."

Many operators feed once a day, but he feeds twice in each 24-hour period to give the cows the energy they need to keep warm. It's also

the reason he likes to give a little grain given at evening feeding. By cows ready to calve, calve and usually found in the calving pen he said.

His wife suggested solution for reducing during night feeding, construct an extra corral, the Konefal gives the their noon ration, but put out the late feeding, and behind closed doors. When night feeding rolls around, Konefal down to check the cows and opens two gates at night feeding area. I also keep the area lighted. One light is located in the night feed area and two are located in the noon feeding area. Sheds also are lighted, enables the Konefal observe the calving at night.

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402/442-5698

Auction Results

SYMENS BROS. LIMOUSINS
Amherst, S.D., March 9

20 purebred bulls.....\$3,690
19 purebred bull calves.....3,860
20 percentage bulls.....2,993
19 percentage bull calves.....2,437
78 bulls.....3,301
8 open fullblood heifers.....7,508
12 open American purebred heifers.....2,729
2 open 1/2 heifers.....2,825
20 heifers.....4,173
98 head.....3,479

Auctioneer: C.K. "Sonny" Booth
Sale Consultants: American Cattle Services & Cattle Brokers, Inc.

Bulls: SYBB Dakota Master Plan, 9/11/79 by Inauilone, Dyer-Sims, Bafiri, Texas, \$12,000. Mr. Symbras 66L "Spot", 9/7/79 by Mr. Symbras; Tommy Stowman, Maryvale, Texas, \$12,000. SY Mr. Gandarme 078L, 10/14/79 by Gandarme; Eberspacher Limousin, Beaver Crossing, Neb., \$7100. Mr. Symbras 245L, 9/26/79 by SY Prospector; Look Out Limousin, Timber Lake, \$6800. Mr. Symbras 277M, 3/7/80 by SYBB Dakota Frostbite; Deyer-Sims, \$6200. Mr. Symbras 189M, 3/12/80 by SYBB Dakota Slick; Deyer-Sims, \$8200. Mr. SY Slick 4M, 4/10/80 by SYBB Dakota Slick; Ross Lampars, Sturgis, \$5800. Mr. Symbras 114M, 4/3/80 by SY Niterrider; Neil McMorris, Tazan, Texas, \$5800.

Females: SYBB Dakota Lass 49L, 8/30/79 by Inauilone; Deyer-Sims, \$23,000. SY Miss Gandarme 880L, 10/4/79 by Gandarme; Birmingham Limousin, Justin, Texas, \$8700. SY Miss Master Charge 026L, 9/18/79 by Mastercharge; Elkhorn Ranch, Cle Elum, Wash., \$5800. Symbras 24M, 4/5/80 by SY Niterrider; Yackley-CMG Corp., Onida, \$4800.

A large crowd from throughout the U.S. was on hand for the first production sale of the Symens Bros. herd. This large crowd was enthusiastic and excited about the Limousin business, and it was reflected in the prices paid. This has to be one of the very best offerings put together by one firm

for a production sale. The cattle were of top quality, and those on hand appreciated this quality with a good, snappy sale that was strong from start to finish.

The first bull in the ring was a bull that the Symens Bros. have shown very successfully. Mr. Symbras 66L, better known as "Spot". This bull set a new record for a percentage bull in the breed, at \$12,000. With this record-making start the rest of the sale was very stout, with no bull selling for less than \$2000—certainly a tribute to this outstanding program.

—JAY PURCHASE

ZR-COX HEREFORDS
Cliff, N.M., March 14

38 ZR bulls.....\$840
25 Cox bulls.....1,013

Auctioneer: Arkie Klehne

Tops: ZR L1 Dom L00, 2/8/80 by Thal L1 Domino 754; ZR Herforders, Santa Rosa, to Gaskin Ranch, Rosado, \$1950. Zia Standard Lad EO 71, 5/30/79 by ZR 49D Standard Lad 324G; Jay Cox Ranch, Winston, to White Mountain Apache Tribe, Springerville, Ariz., \$1550. Zia B113 Lad EO 58, 4/23/79 by Zia D4 Lad B113; Cox to Red Lake Ranches, Magdalena, \$1525. EH BRT Lad 91, 4/2/79 by Zia B113 Lad Co Symbras 114M, 4/3/80 by SY Niterrider; Neil McMorris, Tazan, Texas, \$5800.

Females: SYBB Dakota Lass 49L, 8/30/79 by Inauilone; Deyer-Sims, \$23,000. SY Miss Gandarme 880L, 10/4/79 by Gandarme; Birmingham Limousin, Justin, Texas, \$8700. SY Miss Master Charge 026L, 9/18/79 by Mastercharge; Elkhorn Ranch, Cle Elum, Wash., \$5800. Symbras 24M, 4/5/80 by SY Niterrider; Yackley-CMG Corp., Onida, \$4800.

Leonard Hudson, Glenwood, and Thomas Smith, Sanders, Ariz.

The sale average was all considerably from last year with the same good crowd of repeat buyers in attendance. The cow/calf operators set their limits and would not go beyond them no matter how good the bull. There were three or four bidders on virtually every bull. Keep in mind, these were mostly bull calves that had not been supplemented.

Until interest rates came down and the Southwest gets some feed, buyers will remain cautious. This means conservative prices for the good bulls and very low prices for the average bulls.

—LEE PITTS

BEAVER CREEK RANCH
LIMOUSINS
North Platte, Neb., March 3

69 bulls.....\$1,948

Auctioneer: C.K. "Sonny" Booth
Sale Manager: Cattle Brokers, Inc.

Sale Consultant: American Cattle Services

Tops: DX070L, 9/4/70 by Improver, Gorken Farm, Eastis, \$3000. Pold 59L, 10/28/79 by Hotman; Roger Floyd, Hay Center, \$2900. Cope 953L, 9/14/79 by Cope; Edclair 795; Varnon Cope, Brewster, \$2600. Cope 968L, 10/12/79 by Cope; Edclair 795; Harold Burdick, Lowell, \$2650. Cope 978L, 11/4/79 by Cope; Edclair 795; Arnold Knight Cattle Co., Mullen, \$2650. RUD902L, 5/20/79 by RR Royal Empire 659H; Lowenstein Farm, Stanford, \$2450. LK 134L, 4/7/79 by Gandarme, Lowenstein Farm, Stanford, \$2450.

The Beaver Creek Ranch bull sale drew a big crowd of commercial cattlemen. This top set of bulls met the strong demand as the bidding was active and rapid. The bulls were in working condition and ready to go to work. This was a strong, steady sale from start to finish, with many buyers taking more than one bull.

—JAY PURCHASE

Western

Colo

Bull Test

Sale: April 18, 1981 • 1:00 p.m.

Jack Shea Feedlot, Delta, Colo.

Ken Troutt—Auctioneer

Free Lunch

40 Hereford Bulls

24 Black Angus Bulls

6 Limousin Bulls

18 Simmental Bulls

8 Red Angus Bulls

3 Charolais Bulls

4 Sater Bulls

Les Hill

Collbran, Colo.

303/487-3725

Herman Sonderquist

County Courthouse

Delta, Colo.

303/874-3519

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—Do you fertilize your irrigated hay and crop land?

—Why not fertilize your cow herd with a modern Charolais bull?

—With a herd of 70 Hereford or Angus cows, it takes about 6 trailer loads (16 ft. trailer) to sell your calves.

—By infusing Charolais blood, it would take 7 not 6 trailer loads to sell your calves from the same cow herd.

—Imagine the extra return in a herd of 500 cows or more!

Innovation

Innovative breeding brings further profit potential to cattle producers

Selling at the Western Nebraska Bull Test Station Sale, Ogallala, Nebraska on April 17 at 12:00 MST will be 3 bulls from an embryo transplant of this planned mating...

The dam, Miss Gay 638, (a Fred 1st daughter) has been a consistent producer of 11 calves by natural birth. All have calved without assistance.

Her progeny includes Miss 907, former world record holder for yearling weight and Sandhillier, the great herd sire at Gentry's Double Hook Ranch, Whitman, Nebraska

The sire, LCR Royal Perfecto 782, has proven to sire stylish progeny that are polled with excellent disposition and calving ease.

Also for sale by private treaty are 2 female transplant litter-mates.

Home Address

Route Box 8 (W)

Eastis, Neb. 68028

308/486-5556

College Address

H 310 Corbett Hall (W)

Colorado State University

Fort Collins, Colo. 80521

303/491-2450

IMIG Herefords • Thedford, Nebraska

Selling 60 Bulls • Mon., April 6 1 p.m.

30 Sons and grandsons of CH Domino 359

16 Sons of IH Frontier 5504

IMIG HEREFORDS

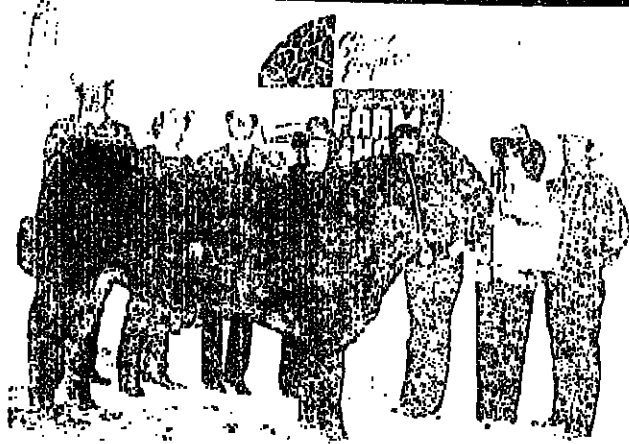
Roger Imig: 308/748-2270

Thedford, Nebraska 69168

CH Domino 359

17 miles north of Thedford on Highway 83

Auction Results



FUTURITY WINNER—Peterson's L7 Bar Limousin, Pukwana, S.D., exhibited the grand champion percentage bull at the 1981 World Limousin Futurity held in conjunction with the recent Sioux Empire Farm Show in Sioux Falls, S.D. The Peterson bull was Mr. L7 978L Bubby, a 3/4 son of Gendarme born 4/27/79. The bull sold for \$3500 to the Triple T Bull Cartel, Kimball, S.D.

GEORGE WERTH HEREFORDS
"SALE OF THE ARMORE"
Quinter, Kan., Feb. 21
No average released
Auctioneer: Stanley Stout

Bulls: WH MO LE 14F 13, 9/25/79 by Britisher MO Le 14F; Wayne Billings, Jemora, \$6500. WH MO LE 14F 11, 9/11/79 by Britisher MO Le 14F; Mischke Hereford Ranch, Crofton, 35-Int, \$8000. WH MO LE 14F 26, 3/2/80 by Britisher MO Le 14F; William Wetjen, Madison, \$5500. WH MO LE 14F 28, 3/17/80 by Britisher MO Le 14F; Kelly Ranch, Pine Bluffs, Wyo., \$5000. WH MO LE 14F 29, 3/16/80 by Britisher MO Le 14F; Gus Gustafson, Junction City, Kan., \$4900. WH MO LE 14F 8, 10/5/79 by Britisher MO Le 14F; Harvey and Jim Lawler, Paxton, \$4500. Canadian Armore 303, 2/14/80 by JH Real Armore M257; Lewis Rogrooy, Ransom, \$4100.

Females: Miss MO LE A1, 10/7/79 by Britisher MO Le 14F; JH Goodhart, Quinter, \$2800. WH MS Armore PR 14, 4/30/79 by Armore Prince 17L; Jones Hereford, Abilene, \$1850. A good sized crowd attended the Werth annual production sale. The Werth's 1981 National Western carload of bulls kicked off this year's sale with almost every member of this load going to record herds. Britisher MO Le 14F attracted many of the top calves. This uniform, good haired, stylish offering made many friends on sale day, and there were buyers from throughout the Midwest taking cattle.

—JAY PURCHASE

BORN HEREFORDS
Follett, Texas, March 6

74 bulls.....\$1,444
27 heifers.....923

Auctioneer: Stanley Stout

Bulls: HH Advance A782, 2/15/77 by CH Domino 359; McKnight Ranch, Fort Davis, \$10,000. Tex L1 Adv H9224, 10/22/79 by HH Advance A782; Alfred Barby, Meade, Kan., \$8200. Tex L1 Domino H9202, 9/8/79 by CL1 Domino 350; R.A. Flowers, Miami, \$8100. Tex Goliath H9031, 3/8/80 by KB L1 Domino 355; Wayne Maddox, Wellington and Waller Camp, Miami, \$5000. Tex L1 Domino L0502, 3/18/80 by HH Advance A782; Saunders Ranch, Marle, \$4500. Tex Goliath 0037, 3/18/80 by KB L1 Domino 355; J.P. Rogers, Pampa, \$4000. Tex Mark Dom H0052, 12/24/80 by SR Mark Domino K166; Elmer Yak, Buffalo, \$2000. KB L1 Domino 918, 3/16/79 by CH Domino 359; L.M. Patterson, Spearman, \$2000. Tex L1 Domino H9200, 9/11/79 by CL1 Domino 350; Mike Meyers, Camargo, Okla., \$1700. Tex L1 Domino H9207, 9/14/79 by DL1 Domino 350; Riddleberger Ranch, Follett, \$1800. Tex L1 Domino H9212, 9/27/79 by CL1 Domino 350; Bob Duke, Darrouzett, \$1800.

Females: Tex L1 Domest 50254, 4/7/79 by HH Advance A782; John Rhodes, Linwood, Kan., \$3500. BL1 Domest 9471, 9/28/79 by Montana Domino 72322; Tom Bryant, Wheeler, \$1950.

The Borns, Harry, Leroy, Stan and Lynn, presented an impressive offering to their largest crowd ever at this twelfth annual production sale. This is a progressive outfit as evidenced

by their purchase with Granite Hill of the \$300,000 David bull at this year's National Western. It was a snappy sale with plenty of repeat business. The Borns make you feel right at home and their cattle are the kind that you buy in business.

—LEE PITTS

BOOTH'S CHERRY CREEK RANCH, INC.
Veteran, Wyo., March 14

48 2-yr.-old bulls.....\$1,587
28 yearling bulls.....1,643

Auctioneer: Jim Baldridge

Top: Cherry Creek Rito 449 928, 3/14/79 by Cherry Creek Rito 449; Howard Kaufman, LaGrange, \$4200. Cherry Creek Rito 449 914, 3/22/79 by Cherry Creek Rito 449 943M, 5/11/79 by Cherry Creek Rito 449 448G; Robert Wallace, Douglas, \$2500. Cherry Creek Rito 449 9475, 5/17/79 by Cherry Creek Rito 449 448G; Elmer Bryen, Broadwater, Neb., \$2000. Cherry Creek Rito 688 9153, 4/20/79 by Cherry Creek Rito 72 568; Kaufman, \$1850. Cherry Creek Rito 449 929, 3/23/79 by Cherry Creek Rito 149 448G; Wallace, \$1750. Cherry Creek Rito 72 0111, 2/14/78 by Rito 707 of Ideal 838 71; Richard Bernatt, Lusk, \$1700. Cherry Creek Rito 72 9114, 2/12/78 by Rito 707 of Ideal 838 71; John Peckinpah, Douglas, \$1800.

Top Simonsen bulls: AJS TT Bull 078, 4/27/80 by Sir Wms Too Tall; Corvallis Angus, Little Red Deer, Alberta and Cains Cattle Co., Edmonton, Alberta, \$5500. BR Applause 915, 3/15/79 by Ankonian Applause; Earl Cherry Mitchell, Neb., \$2350. AJS Dynast 053, 3/17/80 by GPA Roadrunner 818; Jim Wilcox, Douglas, \$2250. AJS TT Bull 087, 4/8/80 by Sir Wms Too Tall; O Bar O Angus, Torrington, \$2000.

Top Wilkes bulls: 8 Bar D Blackman 870, 3/18/80 by Sir Wms Blackman 334; O Bar O, \$5100. 8 D MR Angus 308, 5/19/79 by Ken Caryl Mr Angus 8017; Kaufman, \$4000. 8 Bar K Blackman 448, 4/24/79 by Sir Wms Blackman 334; Kaufman, \$2850. 6 Bar D Linebacker 720, 3/14/80 by Linebacker of Wye; John Baker, Slater, \$2600.

Top Glen Haas bulls: Emulous 7144 of GHY 108, 2/18/79 by CSU Emulous 7144; Doyle Cox, Lyman, Neb., \$1050. Pioneer of GHY 30, 2/12/80 by PBC 707 1M; Lewis Voli, Chugwater, \$1050. This sale is a joint effort by Cherry Creek Angus, Wilkes 6 Angus and Glen Haas Angus, with the majority of bulls being from Booth's Cherry Creek. This year the sale barn was filled to near capacity on a nice spring-like day. The bulls were presented well and sold with complete performance data available. Each year there is a strong demand for the bulls by the commercial cattlemen, and this volume offering always draws a good bidding crowd.

—JERRY YORK

NORTH TEXAS AND OKLAHOMA TEXAS LONGHORN BREEDERS ASSN.
Fort Worth, Texas, March 14

74 lots.....\$3,149

Auctioneer: Eddie Wood

DERRY HEREFORD RANCH
Wood, S.D., March 9

41 1/2 bull calves.....\$3,486
61 two-year-old bulls.....1,587
27 heifer calves.....974
129 lots.....2,958

Auctioneer: Pat Goggins

Bulls: DH 305 Yampa Lad 29, 3/28/80 by LDH Yampa Lad 3; Douglas Hereford Ranch, Wilcox, Mont., 3/4-Int, and full pos., \$20,000. DH 303 Yampa Lad 4, 4/16/80 by FRC Yampa King 11; Harold Caswell, Alton, Kan., 3/4-Int, and full pos., \$10,100. DH 305 Yampa Lad 3, 3/5/80 by LDH Yampa Lad 3; Knipping Bros., Gann Valley, \$10,000. DH

HILDEBRAND ANGUS
Henry, Neb., March 2

76 bulls.....\$1,804

Auctioneer: Pat Goggins

Top: Titan Jarvis 92, 3/30/79 by Shoshone Titan F D90, Dan

REFINED ANGUS
Leola, S.D., March 10

84 bulls.....\$1,516
21 females.....984
105 lots.....1,352

Auctioneer: Tracy Hart

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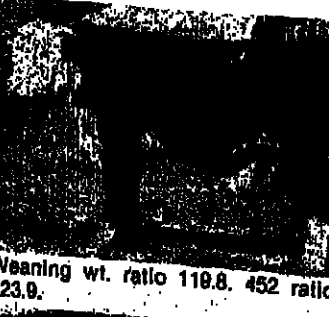
BULL SALE THURSDAY, APRIL 9
at the ranch 5 miles north of Wheatland, Wyoming
Lunch 11:30 • Sale 12:30
65 BULLS 45 Full 2-year-olds
20 Coming-Twos
Select Top Herd Bull Prospects Sell
5-year-old, 2200 lbs. F216-Selkirk Herd Sire Sells



Sample of two-year-old offering

FREE DELIVERY
Up to 300 miles to a central point with \$5000 or more total purchase.

Bulls out of:
Norden Prince (Mr. Beef)
Britisher 914
MJB Regal Britisher
Bobby Dutch 135
SDR Advance 740



Weaning wt. ratio 119.8, 452 ratio 123.9.



Weaning wt. ratio 114.7, 452 ratio 119.2.



Weaning wt. ratio 145.2, 452 ratio 131.7.



Weaning wt. ratio 119.2, 452 ratio 127.1.

Market Roundup:

Demand slackens; market descends

WITH STEADY FED CATTLE prices reflecting the bearish demand and sluggish movement of boxed beefcuts, along with the cattle slaughter well below last weeks figures, last falls 'Bullishness' is a quickly fading memory. Analysts are beginning to point out that even when the pork and beef industries get their supply-side problems cleaned up, this will not necessarily signal a bull market. They are turning to the demand side of the equation which shows the economy is not allowing Americans to buy as much meat—particularly beef.

Analysts' estimates of the on-feed number are tightly grouped, with the consensus at about five percent below a year earlier. However, estimates vary widely on the February marketings and placements figure.

Industry watchers seem to be unsure if talk of Corn Belt cattle feeders marketing more animals is accurate, or if speculation can be trusted about Texas Panhandle lots getting backlogged.

Similarly there is a difference of opinion on placements because of divergent ideas about where interest rates are going and if recent rainfall on pasture lands will lead to a competing market for feeder cattle.

Further evidence of this trend came at a recent price seminar held by a producer-oriented advisory service. This group projected a barren outlook for livestock price this year, including top slaughter cattle prices of about \$67 per cwt.

CME traders said the group used words such as "blood-letting" to describe the changes the livestock and meat industries will have to go through to meet changing economic conditions.

OKLAHOMA CITY STEERS MD. frame 300-400 lbs. \$81-84.40; 400-500 lbs. \$78.75-79.75; 500-600 lbs. \$69.50-75.50; 600-700 lbs. \$87.50-70.10; 700-800 lbs. \$65.20-68; 800-900 lbs. \$63.75-65.80. Heifers md. frame 300-400 lbs. \$66.50-73.20; 400-500 lbs. \$66-70.80; 500-600 lbs. \$62-65; 600-700 lbs. \$61.90-63.30; 700-800 lbs. \$60.50-61.50. Amarillo steers md. frame 300-400 lbs. \$79.50-80; 400-500 lbs. \$78-83; 500-600 lbs. \$69-74.50; 600-700 lbs. \$68-72.50; 700-800 lbs. \$67-71.50; 800-900 lbs. \$65-25-67.35. Heifers md. frame 300-400 lbs. \$70.50-72; 400-500 lbs. \$68-68; 500-700 lbs. \$62-64; 700-800 lbs. \$60-61.75. Dodge City steers md. frame 300-400 lbs. \$82.50-86; 400-500 lbs. \$80.50-83; 500-600 lbs. \$68-25-71; 600-700 lbs. \$66-25-70.10; 700-800 lbs. \$66-68.30; 800-900 lbs. \$65-68.50. Heifers md. frame 400-500 lbs. \$65.50-66.75; 500-600 lbs. \$62.10-65.60; 600-700 lbs. \$62.20-63.40; 700-800 lbs. \$61.90-63.40.

Washington and Oregon slaughter steers choice 2-3 1050-1150 lbs. \$68-68.50; choice 2-3 1150-1250 lbs. \$61.75-62.25; 1300 lbs. \$61; Holsteins \$99. Heifers choice 2-3 875-1000 lbs. \$61-61.50; choice 2-3 950-1050 lbs. \$59.60-60. Feeder steers md.-lg. frame #1 475-550 lbs. \$78-80; 700 lbs. \$67.50; 650 lbs. \$66; 800-850 lbs. \$70; 950 lbs. \$63. Heifers 450 lbs. \$68; 550-575 lbs. \$58; 600 lbs. \$63; 700-750 lbs. \$63.20; 775 lbs. \$60.30. Montana slaughter steers mostly choice 2-4 1100-1300 lbs. \$60-61. Heifers mostly choice 2-4 1000-1100 lbs. \$58.50-58. Feeder steers md. frame 1 500-625 lbs. \$70-78; 600-750 lbs. \$65-67.50; 900-1025 lbs. \$60-61.50. Heifers mostly md. choice 600-725 lbs. \$60-62. Wyoming, western Nebraska slaughter steers choice 2-3 1150-1250 lbs. \$60-61. Heifers choice 2-3 975-1050 lbs. \$60-60.50. Feeder heifers md.-lg. frame #1 600-725 lbs. \$60-62.

NEW MEXICO MOSTLY CHOICE 1000-1150 lbs. YG 2-4 \$62-63; mixed good and choice 1025-1200 lbs. \$61.60-62.25; Holsteins \$68.50-69.50. Slaughter heifers mostly choice 875-940 lbs. YG 2-3 \$60-61.50; mixed good and choice 875-900 lbs. \$59-60; mostly good and few choice 825-775 lbs. \$58-59.50; 550 lbs. \$68. Texas, western Oklahoma slaughter steers good and mostly choice 2-4 1025-1175 lbs. \$62-63.50; 1175-1250 lbs. 2-4 \$61.50-62.50; mixed good and choice 2-3 100-1175 lbs. \$60.50-62.75; Holsteins \$68.50-69.50. Heifers good and mostly choice 2-4 900-1025 lbs. \$60-61.50; mixed good and choice 2-3 850-1025 lbs. \$58.50-60.50; good and few choice 2-3 750-775 lbs. \$60-62. Western Kansas slaughter steers choice 2-4 1050-1250 lbs. \$61.50-63; choice with end good 1050-1800 lbs. \$61-62; Holsteins \$58-58. Heifers choice 2-4 950-1050 lbs. \$60-61.35; prime 985 lbs. \$61.50; choice with end good 925-1050 lbs. \$58-60.25, choice heifers and heiferettes 100-1150 lbs. \$68-80.

COLORADO SLAUGHTER STEERS choice 2-4 1100-1200 lbs. \$61-61.75; 1225-1275 lbs. \$68-80. Heifers choice 2-4 950-1000 lbs. \$61-62.50; 1025-1175 lbs. \$97-97.50. Feeder heifers md. frame #1 725 lbs. \$62.50. Utah slaughter steers good to mostly choice 2-3 1125-1200 lbs. \$61-62.50; Holsteins \$58.50. Heifers good to mostly choice 2-3 950-1000 lbs. \$60-60.50. Feeder steers md. frame #1 514 lbs. \$74; 750 lbs. \$68.50-68; 900 lbs. \$63; lg. frame #1 Holsteins 700 lbs. \$68.50; 1000 lbs. \$64.50. Heifers md. frame #1 575 lbs. \$62. Southern San Joaquin, Nevada slaughter steers choice 2-3 1000-1125 lbs. \$65-65.50; good and choice 2-4 1100-1225 lbs. \$63.25-65; good 2-4 1035-1800 lbs. \$61-64. Heifers choice 2-4 900-1050 lbs. \$61-62.50; good and choice 2-3 950 lbs. \$61-61.50; choice 2-4 1000-1075 lbs. \$60. Southern California mostly choice 2-4 1000-1075 lbs. \$60. Southern California mostly choice 3-4 1150 lbs. \$63; mixed good and choice 2-4 1025-1075 lbs. \$64.75-65; good with end of choice 2-4 900-1035 lbs. \$64-65; good 2-3 975-1175 lbs. \$62-64; Holsteins \$60-61.

ALEX MOSTROUS

CENTRAL AUCTION ROUNDUP

(Reports as quoted by markets)

AMARILLO LIVESTOCK AUCTION
Amarillo, Texas, March 16

7,520 head received: Feeder steers, md. frame 1 400-500 lbs. \$74-79; 500-600 lbs. \$67-72; 600-700 lbs. \$66-70; 700-800 lbs. \$66-67.25. Md. frame 1-2 400-500 lbs. \$65-25-70; 500-700 lbs. \$62-68-25; 700-800 lbs. \$60-66; 800-900 lbs. \$61-64.75. Feeder heifers, md. frame 1 400-500 lbs. \$60-75-64.25; 500-700 lbs. \$58-60-75; 700-800 lbs. \$58-60.75. Md. frame 1-2 400-500 lbs. \$58-75-60; 500-700 lbs. \$55-75-59; 700-800 lbs. \$54-58. Slaughter cows, ut. 2-4 \$41.50-45.50. Slaughter bulls, YG 1-2 1300-1600 lbs. \$55-58.75. Replacement, md. frame 1-2 young cows \$49-50-55; middle aged cows \$42-50-47.50; pairs \$800 per pair.

TEXHOMA LIVESTOCK COMMISSION CO., INC.
Texhoma, Okla., March 13

5,600 head received: Feeder steers, choice to 300 lbs. \$83-90.50; 300-400 lbs. \$78-86; 400-500 lbs. \$70-71; 500-600 lbs. \$68-70.30; 600-700 lbs. \$66-10-69.00. Feeder heifers, choice to 300 lbs. \$71-74.50; 300-400 lbs. \$68-72.50; 400-500 lbs. \$63-90-64; 500-600 lbs. \$62.90-63.20; 600-700 lbs. \$62.50-62.70.

McKINLEY-WINTER LIVESTOCK COMMISSION CO.
Dodge City, Kan., March 12

4,300 head received: Feeder steers, md. frame 1 300-400 lbs. \$82.50-85; 400-500 lbs. \$80.50-83; 500-600 lbs. \$68-25-71; 600-700 lbs. \$66-25-70.10; 700-800 lbs. \$65-68.30; 800-900 lbs. \$65-65.80. Feeder heifers, md. frame 1 400-500 lbs. \$65-65.50; 500-600 lbs. \$62.10-65.60; 600-700 lbs. \$62.20-63.40; 700-800 lbs. \$61.90-63.40.

TORRINGTON LIVESTOCK COMMISSION CO.
Torrington, Wyo., March 13

1,183 head received: Feeder steers, choice 300-400 lbs. \$75-83; 400-500 lbs. \$74-80; 500-600 lbs. \$68-75; 600-700 lbs. \$65-58.

WESTERN LIVESTOCK JOURNAL

March 23, 1981

800 lbs. \$51.90-63.40. \$15-800 lbs. \$53-62 Slaughter cows, ut. and comm. 1-3 \$43.75-46.75. cutter \$38.75-43. Slaughter bulls, YG 1-2 1200-1750 lbs. \$52-56.25.

CLOVIS LIVESTOCK MARKET, INC.
Clovis, N.M., March 11

3,351 head received: Feeder steers, md. frame 1 320-420 lbs. \$79-50.50; 500-600 lbs. \$70-50.75-80; 600-700 lbs. \$67-70.50. Md. frame 1-2 600-700 lbs. \$66-50-68.50. Feeder heifers, md. frame 1 425-474 lbs. \$63-64.60; 525-600 lbs. \$62-63.20; 600-675 lbs. \$61-62. Md. and large frame 1-2 325-475 lbs. \$61.50-63.50; 525-575 lbs. \$57-61.50. Slaughter cows, ut. and comm. 2-4 \$43.40-47.40; cutter \$40-44.50. Slaughter bulls, YG 1-2 1090-1730 lbs. \$51.25-61.50.

EMPORIA LIVESTOCK SALES CO., INC.
Emporia, Kan., March 13

3,310 head received: Feeder steers, md. frame 1 300-350 lbs. \$87-95; 350-400 lbs. \$82-87; 400-450 lbs. \$78-83; 450-500 lbs. \$74-78. Large frame 1 500-700 lbs. \$65-68.50. Min. frame 2 250-300 lbs. \$68-94; 300-350 lbs. \$63-67; 350-400 lbs. \$78-83.

Kershaw & Sons
Commercial Cattle Feeders
Charles Kershaw • Dick Kershaw
P.O. Box 75 • 714/344-3740

BRAWLEY, CALIF. 92227

Lemmy Wilson Livestock
Suppliers of Stocker and Feeder Cattle
Office: 615/623-8721
Also have some started calves on hand most of the time.

Rt. 4 • Newport, Tennessee 37821

Lemmy Wilson
615/623-8179

Dave Cantwell
615/623-3142

CENTENNIAL LIVESTOCK AUCTION

Fort Collins, Colo., March 12

1,048 head received: Feeder steers, md. frame 1 300-425 lbs. \$73-50.75; 515-685 lbs. \$65-69; 725-775 lbs. \$64-50-67.50. Feeder heifers, md. 1 275-450 lbs. \$70-77.50; 500-675 lbs. \$61.75-70.50. Slaughter cows, high yielding \$46-50.10, middle type \$43-46. Slaughter bulls, high yielding \$50. Replacements, first calf heifers young cows with baby calves \$600-675 per pair; mixed age cows with calves \$585-615; mixed age bred cows and heifers \$410-625 per head.

EL PASO LIVESTOCK AUCTION CO., INC.
El Paso, Texas, March 10

587 head received: Feeder steers, choice yearling 450-500 lbs. \$70-85; good to md. \$55-62.50. Calves, choice 250-400 lbs. \$65-73.50; crossbred \$65-75. Slaughter cows, standard heifers \$52-55; canner and cutter \$35-40; stocker \$38-52.50. Slaughter bulls, stocker \$55-62.50; ut. and comm. \$54-59. Replacements, pairs \$450-650.

—Compiled by VIRGINIA THOMSON

TEXAS BEEF PRODUCERS

Custom Cattle Feeders
DUMAS, TEXAS

P.O. Box 1355 • 78028
Phone 806/948-4102
9 miles east and 5 miles north of Dumas

REGISTERED DEVON CATTLE
Polled & Horned
DEVO AGRES
Ron Anderson, Manager
Breeding Stock Available at All Times
503/828-3109 • 11640 Hwy. 140
EAGLE POINT, OREGON 97624

Vermilion Ranch
Annual Spring Event
Saturday **APRIL 11, 1981** 12 Noon
Free Lunch 11 a.m.
Public Auction Yards—Billings, Montana

150 BIG BULLS
40 Centing two-year-old Bulls. Featuring our entire crop of bulls by "Conigan," representing some of the outstanding fall coming two-year-olds we've ever sold. Big, long, straight and full of muscle.

350 ANGUS SELL
Featuring sons of "CONIGAN"

200 COMMERCIAL ANGUS HEIFER CALVES
These are fancy, Bangs vaccinated, straight Black heifer calves ready to breed. Also included is a select group of outstanding, big, Black Whiteface heifers off our commercial unit.

Shoshone Conigan 5 VY 31
An intensely Wye bred bull purchased out of the Midland Test center. He ranks first among all Vermilion sires with a BWR of 112.

Conigan sires
Cattle with tremendous volume and performance. Our entire fall calf crop by him sells. You'll like what you see!

FREE DELIVERY ON BULLS to central stockyard points in Montana

CLASSIFIED CORRAL

... SHORT CUT TO PROFITS

ADVERTISING RATES

BY THE WORD: 50 cents per insertion with a 10% discount if ad is ordered for 3 lines. 15% discount if ad is ordered for 5 lines. Includes name and address in word count. Count as one word each initial, abbreviation, whole number and phone number. Hyphenated words as two. Minimum charge of \$7.00.

BY THE LINE: \$23.00 per column inch per insertion with a 10% discount if ad is ordered for 3 lines; 15% discount if ad is ordered for 5 lines.

NO CASH DISCOUNT FOR PAYMENT IN ADVANCE FOR EITHER WORD OR DISPLAY ADVERTISING.

MAJOR RATES: \$10 more per insertion for having a bold face head and your signature on the ad. \$10 more per insertion for having a bold face head and your signature on the ad.

DEADLINE: 4:00 p.m. Tuesday for issues mailed Friday and dated the following Monday.

CONDITIONS: BLACK AND WHITE ads only. No photographs or drawings.

EMPLOYMENT WANTED ads must be paid in advance.

LIABILITY: Advertiser is liable for content of advertisement and any claims arising therefrom made against the publication. Publisher is not responsible for errors in phone copy. Publisher reserves the right to refuse any advertising not considered in keeping with the publication's standards.

COMMISSIONS: Classified advertising is NOT agency commissionable.

WESTERN LIVESTOCK JOURNAL

Barbara Wyckoff—Ext. 47
Classified Ad Mgr.
4th Floor
Livestock Exchange Bldg.
Denver, CO 80216
PHONE: 303/823-2800

DO NOT PHONE in response to third ads. Advertisers names and addresses are confidential. Write showing Ad Dept. for your convenience and your reply will be promptly forwarded.

CLASSIFIED INDEX

- 1 Employment Wanted
- 2 Help Wanted
- 3 Distributors Wanted
- 4 Custom Service
- 5 Cattle
- 6 Horses
- 7 Livestock Equipment
- 8 Exotic Animals
- 9 Goats and Sheep
- 10 Horses, Jacks, Mules
- 11 Horsemanship Supplies
- 12 Dogs
- 13 Auctioneers
- 14 Livestock Wanted
- 15 Feedlots
- 16 Retirement Properties
- 17 Farm and Ranch Appraisals
- 18 Management
- 19 Storage Space for Sale
- 20 Appraisers
- 21 Farms, Ranches for Sale
- 22 Ranches for Rent or Lease
- 23 Ranches or Pastures Wanted
- 24 Real Estate for Trade
- 25 Pasture Available
- 26 Hay, Feed, Seeds
- 27 Business Investments
- 28 Livestock Loans
- 29 Loans
- 30 Livestock Insurance
- 31 Machinery
- 32 Fence Posts
- 33 Building Materials
- 34 Pipe, Irrigation Supplies
- 35 Schools
- 36 Trucks and Autos
- 37 Trailers
- 38 Lost and Found
- 39 Women's Interest
- 40 Vet Supplies
- 41 Miscellaneous
- 42A Travel

EMPLOYMENT WANTED 1

MIDDLE AGE COUPLE desires position as caretaker on ranch property. Please call, 714/364-2767, Mr. Scott.

YOUNG COUPLE desires ranch work. Experienced in cow/calf, grain, hay, flood irrigation and machinery. Write Ad Dept. 340 c/o W.L.J.

RELIABLE COUPLE, age 40, seeks ranch job horse or cattle. Experienced in horse ranch management, licensed horse show and trainer. Call: 405/724-3888.

Hard to get good help these days? Not if you advertise in the Classified Corral's Help Wanted section.

MARRIED MAN, 20, seeking general ranch job. Riding, okay. Honest, dependable, hard worker. References: Mark Wilson, Box 65, Eden, WY 82926.

MIDDLE-AGED, family man 11 years experience interested in permanent working management position. Cow/calf, horse, sheep and horse care. References and resume available. 817/897-3234 or P.O. Box 915, Odell, TX 79247.

COWCALLEY FOREMAN With 14 years experience in all phases of breeding program to include both practical cow/calf and feeding and management. Excellent communication and technical skills. Call: 209/245-5892 or 209/245-5893.

EMPLOYMENT WANTED 1

QUALIFIED Dependable, manager, foreman or cow boss. 42 years experience in breeding, cow/calf or yearling operations. Good references. Ranch being sold. Jim Solomon, 507/778-2487.

EXPERIENCED RANCH manager available. Long term commitment on progressive cattle operation. Sober, family man, hard working with experience and qualifications in all phases. Resume available on request. Write Ad Dept. 539 c/o W.L.J.

YOUNG COUPLE desires work with horses and cattle in Colorado, Wyoming or Montana. Experience in handling and doctoring cattle. Breaking and shoeing horses and general ranch work. Leonard Green, 404/361-6658.

EXPERIENCED RANCH manager available. Sober, dependable, married. Hardworking, self starter. Experienced in all phases. 11 years on present job. Resume available on request. Contact: Jim Craig, U3 Ranch, Wells, Nevada. 702/752-3575.

HELP WANTED 2

NEEDED PEN REPAIRS. Experienced, good reputation. Call: 408/675-3604, speak with Roger Ventron.

WANTED: Retired couple for ranch in central Wyoming. Woman to cook for crew, husband to work on yard and handyman. Must be clean. 307/738-2257.

TOP NOTCH MAN needed Idaho range outfit. Self starter, honest, sober, well kept and personable. Might like couple. No children. Willing to do all ranch work. 208/839-2426.

Class Ads Really Work ASSISTANT HORSE TRAINER for top western Quarter Horse stable. Opportunity to work with top trainer, young horses and travel to important shows. Single woman preferred. Send experience and references to: Danny Jones, C2 Cattle Co., 18485 Hwy 140, Eagle Point, OR 97524. 503/826-8491.

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HELP WANTED 2

POSITIONS AVAILABLE: Cooks, farmers, mountain cowboys central Wyoming. Contact: Jack McGuire, Box 970, Glenrock, WY 82637. 307/438-2457.

WORKING CATTLE foreman, experienced in breeding and disease. Send resume to: Hay Creek Ranch, Ashwood Star Rd., Madras, OR 97741. Phone: 503/475-3789.

EXPERIENCED RANCH mechanic must have own hand tools. Wage plus 2 bedroom trailer, utilities, beef and insurance furnished. Send resume and references to Ad Dept. 551 c/o W.L.J.

EXPERIENCED flood irrigator wanted with farming knowledge. Good pay and permanent employment. If satisfactory, Ranch located near Nevada. Write Ad Dept. 552 c/o W.L.J.

EXPERIENCED COWBOY for central California irrigated pasture ranch. Must be knowledgeable at roping and doctoring cattle. Good salary and benefits. House and utilities furnished. Send resume and references. Ad Dept. 550 c/o W.L.J.

RESPONSIBLE CATTLEMAN for 300 commercial cow/calf mountain ranch in northwest California. Married man preferred. Must be self starter and hard worker. Send resume and references to Graham Collins, P.O. Box 399, Fortuna, CA 95540.

WANTED: Married man for general ranch work. Excellent working conditions. Nice house, utilities and meat. Salary negotiable. Send references and resume to: Kayhale Cattle Co., Pat McGinley/Oshkosh, NE 68052. Phone: 308/778-5842 or 308/778-5453.

WINDMILLS FOR SALE: Lower your electric bill by up to 50%. Call for details. Dealer needed also for America's best new windmill. Eagle 1, 1-800/431-2353, Op. 1321. American Windmills, P.O. Box 261, Stone Mountain, GA 30086.

YOUNG COUPLE desires work with horses and cattle in Colorado, Wyoming or Montana. Experience in handling and doctoring cattle. Breaking and shoeing horses and general ranch work. Leonard Green, 404/361-6658.

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CATTLE 5

FOR SALE: 15 yearling Brangus bulls. Phone: 307/327-5549.

20 ANGUS BULLS Long yearling and coming 2's. Phone: 208/865-3407, evenings.

HORNEF HERD BULLS Outstanding quality, performance tested. Call: 916/888-6599.

FOR SALE: Highland bulls, cows and calves. Registered and commercial. Stron Ranch, Inc., RSD Rt. 1, Box 450, Walsenburg, CO 81089.

SANTA GERTRUDIS BULLS FOR SALE 30, 2 and 3-year-olds. PHONE: 503/495-2205 Fields, Oregon

FOR SALE: Roping steers, Longhorn X Highland, 400 to 500 lbs. Good horns. Stron Ranch, Inc., RSD Rt. 1, Box 450, Walsenburg, CO 81089.

FOR SALE: Top quality, 2-year-old Simmental Range Bulls FAXON SIMMENTALS PHONE: 503/929-3478 Philomath, OR 97370

REGISTERED ANGUS Bulls, replacement heifers, cow pairs. Excellent bloodlines. Spencer Angus Ranch, Santa Maria, California. 805/922-2211.

REGISTERED ANGUS Cows, heifers and bulls PHONE: 303/688-3559

BRANGUS BULLS Rocky Joe line, herd sire 8 years, 4 range bulls, age 14 to 18 months. Weaning 575 plus lbs. Owens Ranches, 915/488-3866.

WINDMILLS FOR SALE: Lower your electric bill by up to 50%. Call for details. Dealer needed also for America's best new windmill. Eagle 1, 1-800/431-2353, Op. 1321. American Windmills, P.O. Box 261, Stone Mountain, GA 30086.

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CATTLE 5

FOR SALE: Stock cows 500 head in Idaho. 350-400 head in Oregon. Call: Frank E. Baker, 208/526-5315.

READY FOR SERVICE Three 2-year-old, registered Horned bulls. Grandsons of Sun Dancer. 308/596-5121.

BRED COWS: 20 head, young, high altitude, Angus cows from A.I. bred. Start calving April 5th. Evenings. 303/779-4634 or 303/443-3035.

BRANGUS BULLS FOR SALE 22 Registered 2-year-old Brangus bulls. PHONE: 817/836-4261 or 824-7823

LIMOUSIN Polled bulls by outstanding sire. Ready for heavy work. Gordon Brown, 702/226-0241.

REGISTERED Angus bulls, 79 and 23 1/2. July 1980. Will sell part or all. Must sell. 417/329-5539, anytime.

RED BRAHMAN BULLS Facility tested. Registered, big boned, stretchy. Jack Cunningham Mountain Home, TX 75858. PHONE: 512/866-3281

TEXAS LONGHORN 2 1/2 yearling and 2-year-old, 1 1/2 bred bulls for sale. Ed Degroot, Brewster, NE 68701. Phone: 308/547-2456.

SIMMENTAL BULLS Registered 1 1/2 and 2 1/2 yearling and 2-year-old. THUNDERHEAD RANCH Dubois, WY 82535. PHONE: 307/455-2967 or 307/455-2473

25 SPRING 1-year-old, range-ready. Half-bred bulls. Never been dryed. 1/2 blood. 1/2 blood. Ruby Valley, NV 89523. 702/2295.

HOLSTEIN SPRINGFIELD heifers, open and bred heifers. Holstein and beef cross calves, 20 to 24 weeks old. Delivered to your farm on approval. Hordleba, Valley, WI 54729. 715/723-1171. Office: 723-9158, residence.

SIMMENTAL BULLS: 24 Yearlings and 2-year-old bulls. Performance tested. Bred and selected since 1989 to produce excellent daughters as well as heavy weaners and high performance in the feedlot. Average 208 weight 686#. Yearling weight available 3-10-81. RAGSDALE SIMMENTAL, Emigrant, MT 59027. 408/333-4412.

LONGHORN BULLS We have a large selection of breeding age bulls and yearlings ready to work for you. Call: L & L CATTLE COMPANY Larry, George & Howard Fruithland, TX 75845. Evenings, 208/451-4100

HOLSTEIN BOYS Great quality calves 215 to 250 pounds. Thin, good bones, healthy, fully vaccinated, black baldies and flecked weight and delivered on 40 pounds.

K-B CATTLE CO. Milton, Kansas PHONE: 316/458-2838

TRY CLASS ADS

DAVIES SIMMENTALS The Brand for Performance Range Bulls For Sale

416 BULLS 182 Charolais (18 Coming 2-year-olds) 183 Simmental (Many Polled) 40 Gelbvieh 23 Sater 3 Angus 3 Maine-Anjou 12 Mont. MST. Great Falls Livestock Market Center, Great Falls, Montana.

For More Information, Contact: Hard Improvement Test Box 250 Stanford, MT 59470 or Call: Gary Gerhart 409/428-5571 Lloyd DeBruycker 408/478-3427 Harold Schmitt 409/727-7118

THE REPUTATION BULL SALE 690 Bulls—7 Breeds Survey of 1980 Breeds Less than 1% non-breeders All Bulls Strictly Selected APRIL 13-14, 1991

CLOSING DATE—4:00 P.M. TUESDAY For issue mailed Friday and dated the following Monday.

FOR SALE REGISTERED BRANGUS BULLS Coming 2-year-olds and yearlings. Some out of Wyas cows and Redcross 1/4 blood. ALSO 10 Registered Wyas bred Angus cows. Bred to a Shoshone Titan F600 son. Adv. age 6.

7 Registered Brangus cows bred to one of the top sons of P.W. George Box 420, Adv. age 4. All cows are pregnancy checked, vaccinated for Leptospirosis, wormed and poured for grub. HONEY CREEK BRANGUS Bob Heiditz Rt. 1, Auburn, NE 68306. PHONE: 402/274-4422

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